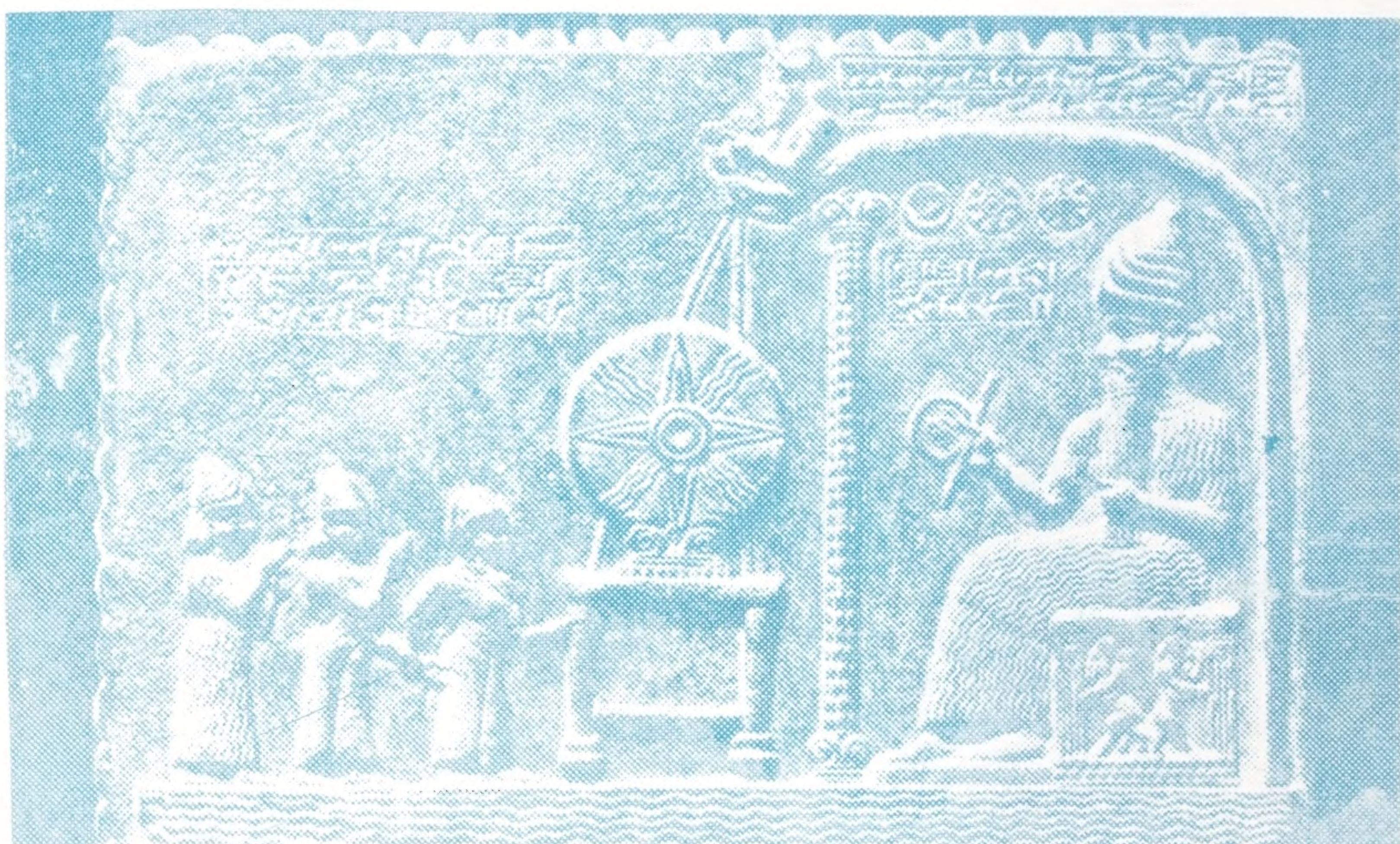


لــــەچاپخانەی وەزارەتی پەروەردەی
هەرێمی کوردستان چاپکراوە
١٩٩٤ / ١٩٩٣

ܒܝܢ ܠܚܝܡ ܕܪܫܡܗ ܪܗܓܡ
ܝܗܒܢܕܐ ܒܗܢܡ ܒܝܕܢܐ ܗܣܒ ܙܘܕܐ

















ܢܝܫ ܠܡܝܬܐ ܕܝܒܓܠܗ ܐܩܒܡ ܐܩܒܪܐ













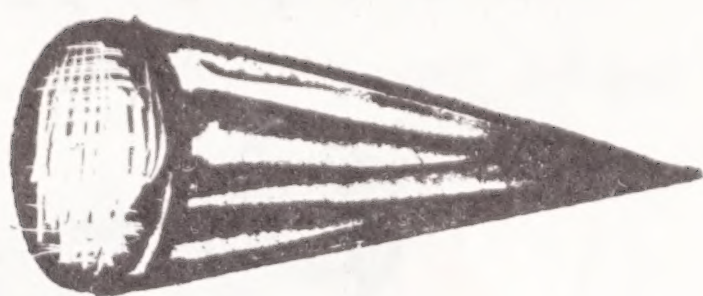












ܚܙܝ ܠܫܟܠܐ ܕܩܘܢܘܣ ܒܫܡܗܐ ܗܘ̈ܝܐ



















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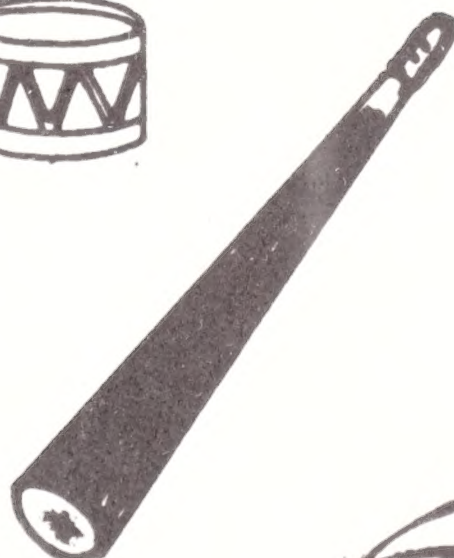








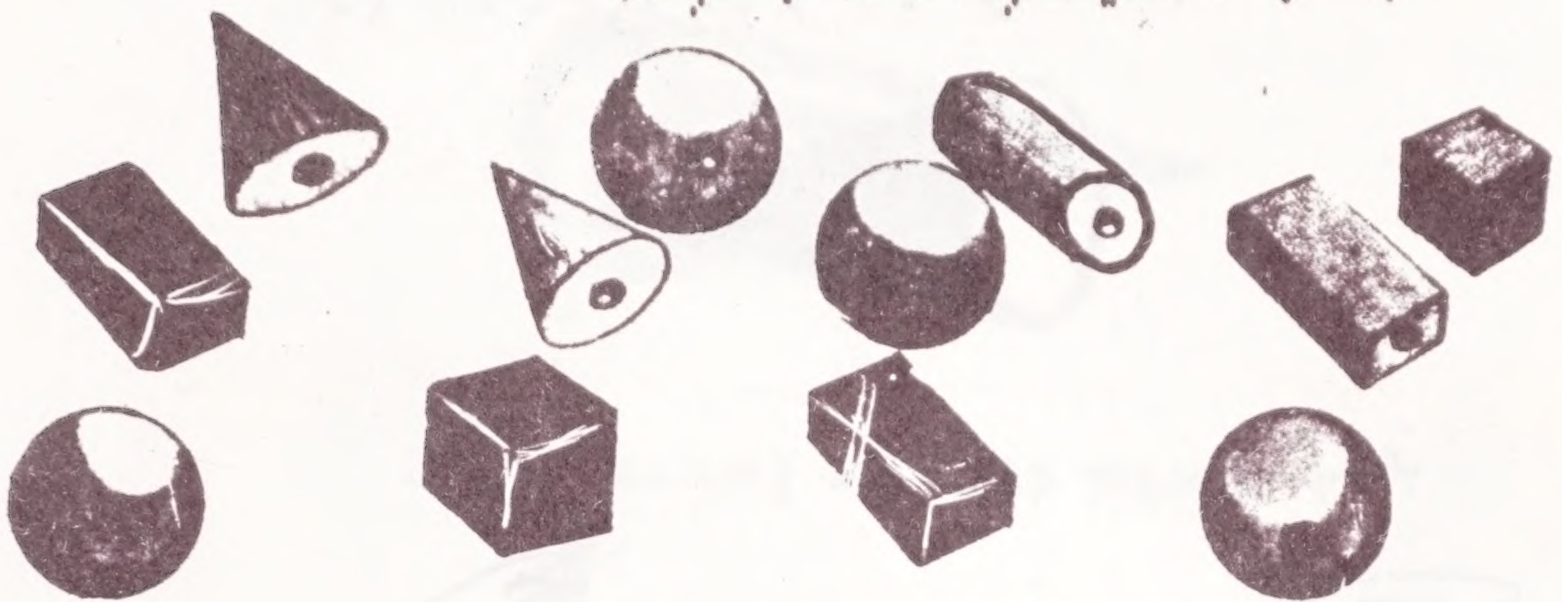






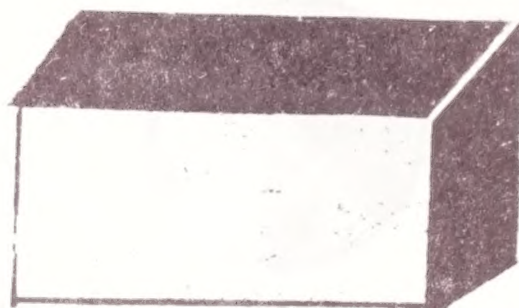
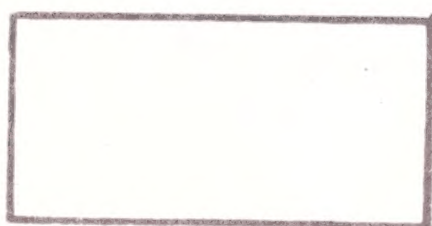


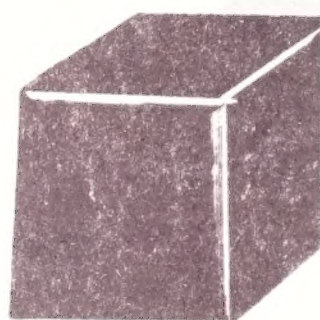
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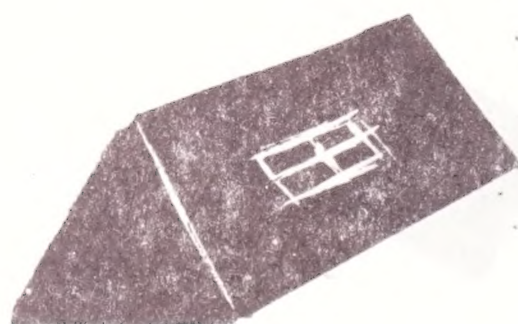
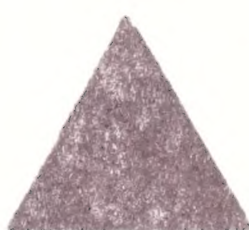
ܐܡܲܪ ܫܡܵܐ ܕܟܠ ܫܲܟܼܠܵܐ ܒܬܪܝܨܘܬܐ، ܠܡܥܒܪܐ

ܕܪܸܓܼ ܘܡܪܝܠ

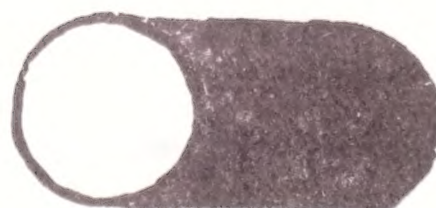
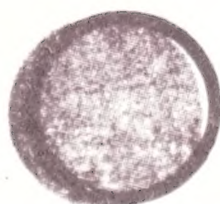





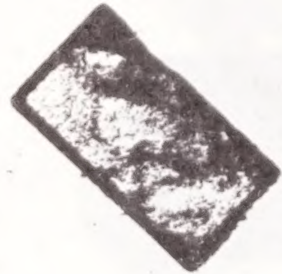






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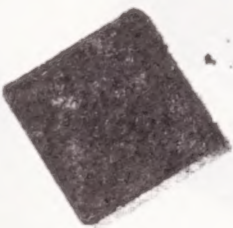


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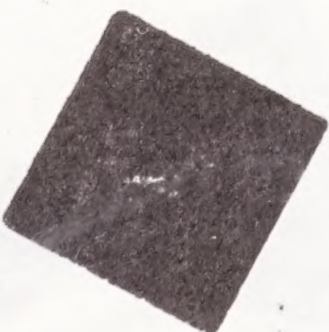


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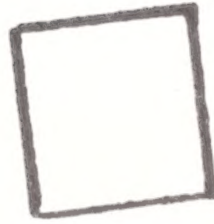
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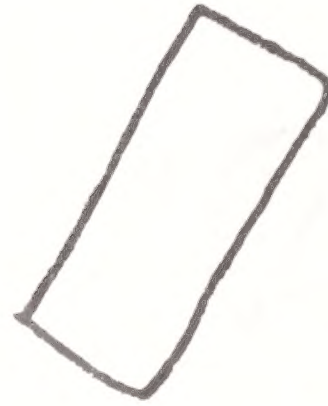




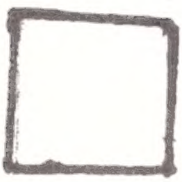
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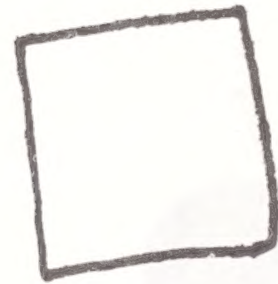






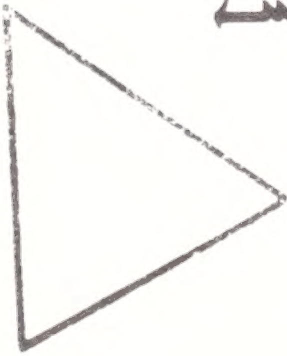
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ܡܬܠܬܐ

ܡܓܢܐ



ܚܘܕܪܐ

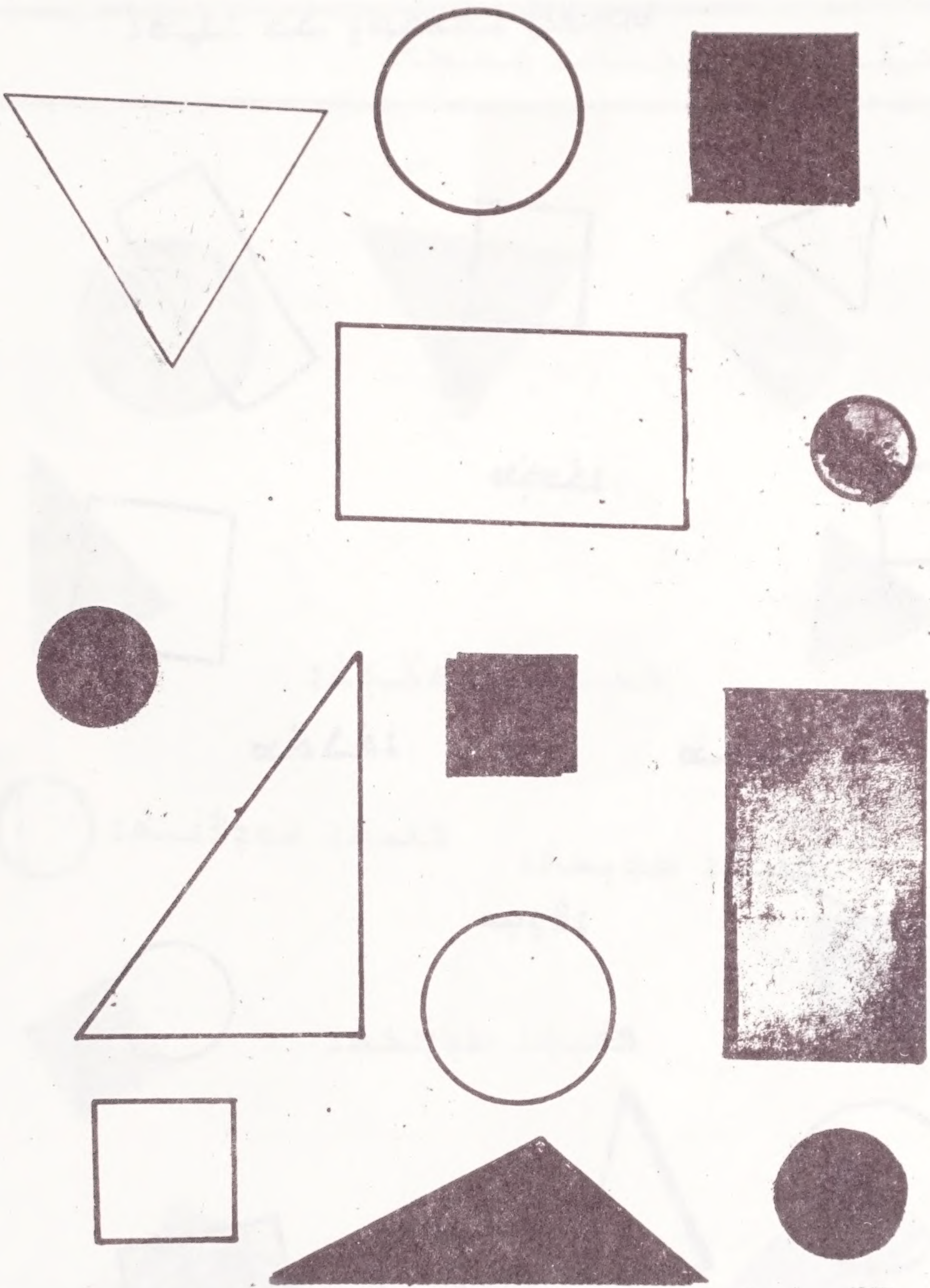




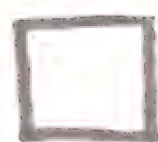


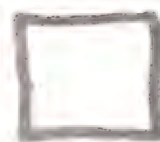


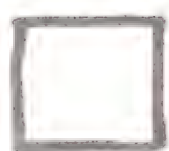




ܡܪܒܥܐ ܕܦܬܝܐ

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ܡܢܝܢܐ ܕܡܪ̈ܒܥܐ 

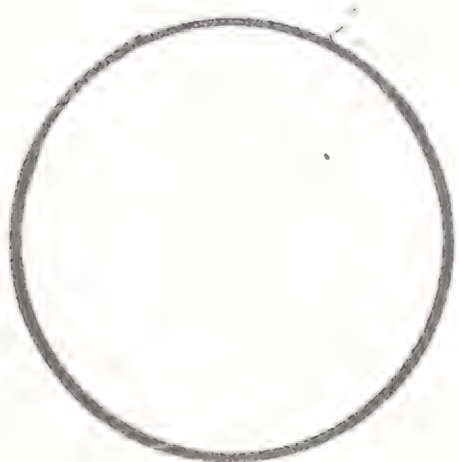
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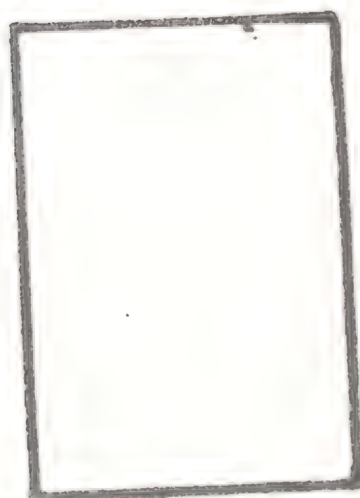
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ܡܢܝ ܘܟܬܘܒ ܠܡ̈ܢܝܢܐ ܕܫܟ̈ܝܢܐ	ܡܪ̈ܒܥܐ	ܡܫ̈ܚܐ	ܦܢܝ̈ܬܐ ܡܪ̈ܒܥܬܐ	ܦܢܝ̈ܬܐ ܡܫܘ̈ܚܬܐ

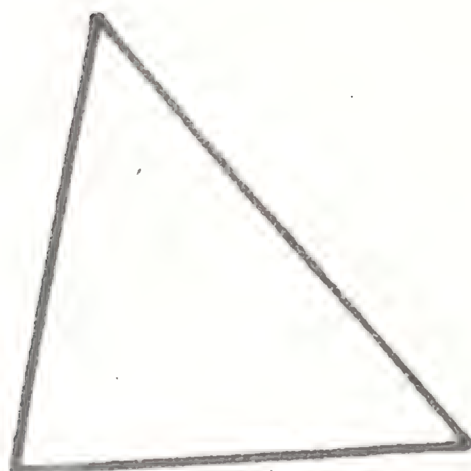
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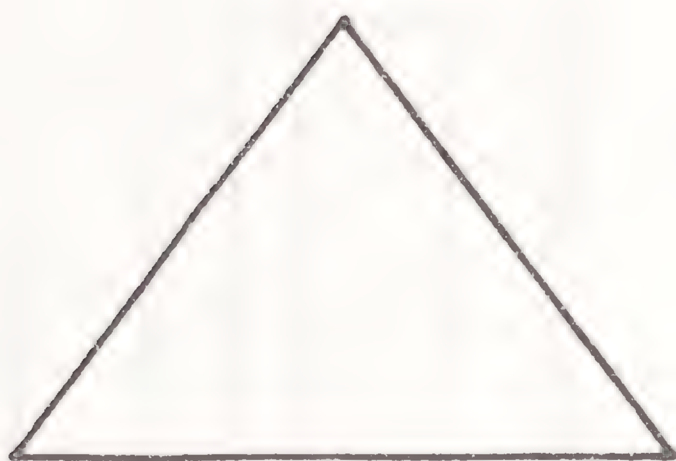




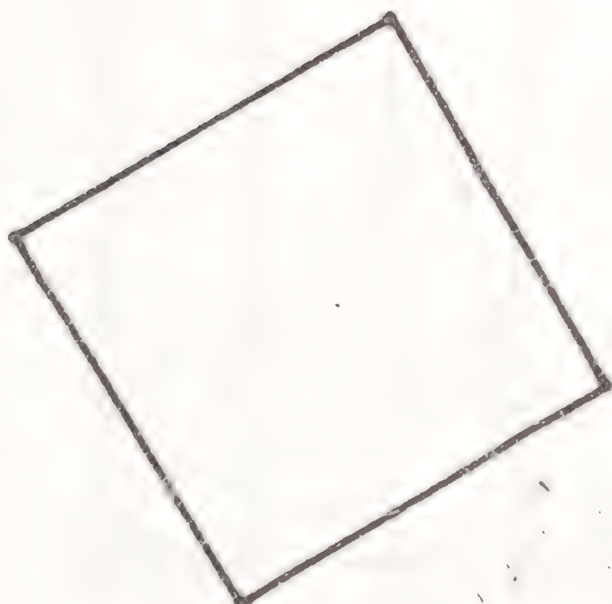
ܟܘܼܪ ܠܫܒܘܼ ܕܫܒܝܼܬ̈ܐ

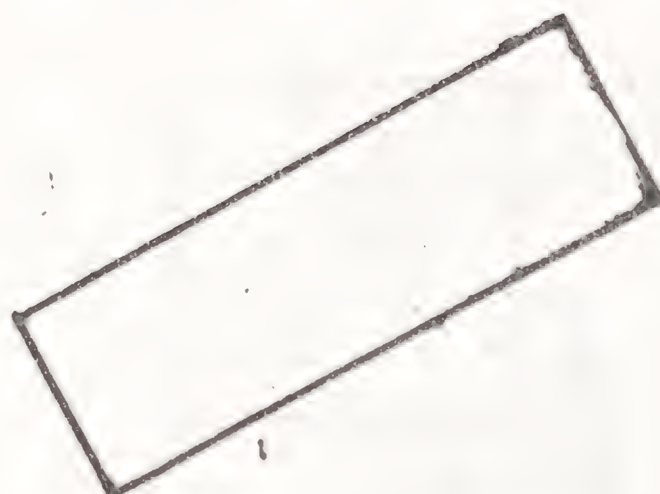


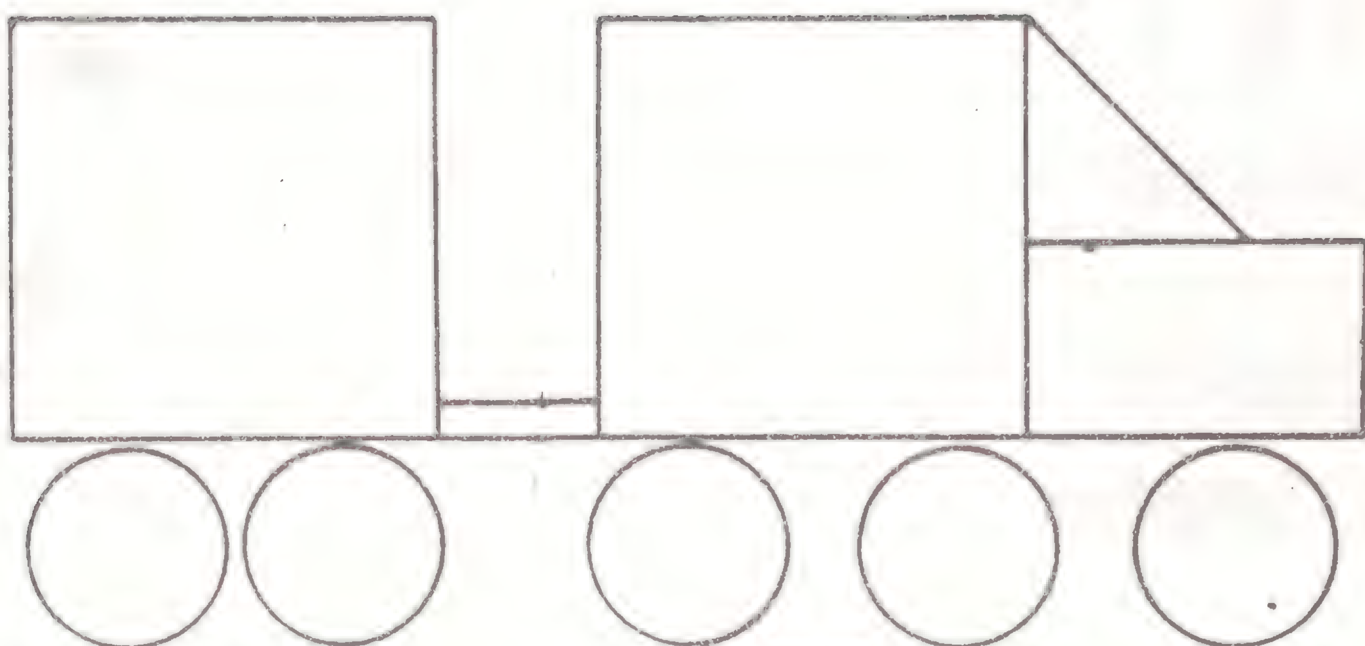










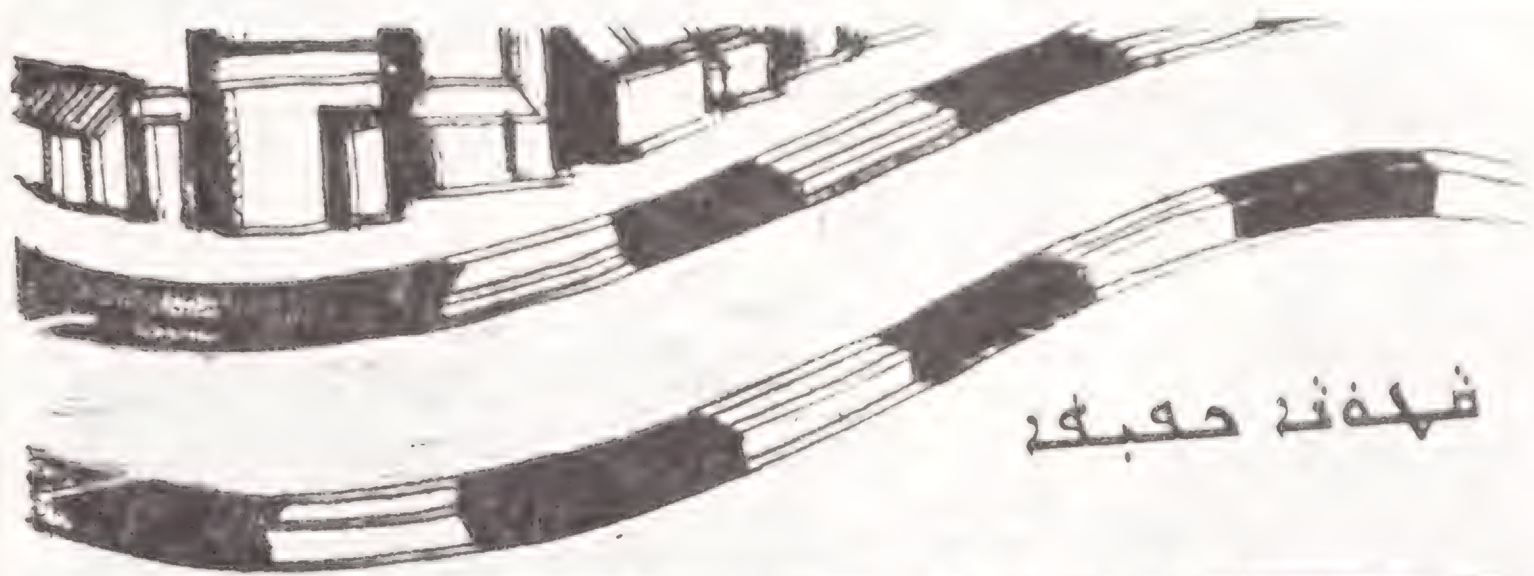


ܡܢܝܢܐ ܕܡܪ̈ܒܥܐ ☐ ܡܢܝܢܐ ܕܡܫܬ̈ܐ ☐

ܡܢܝܢܐ ܕܚܘܕܪ̈ܐ ☐ ܡܢܝܢܐ ܕܡܬ̈ܠܬܐ ☐



ܡܢܝܢܐ ܕܡܬ̈ܠܬܐ ☐





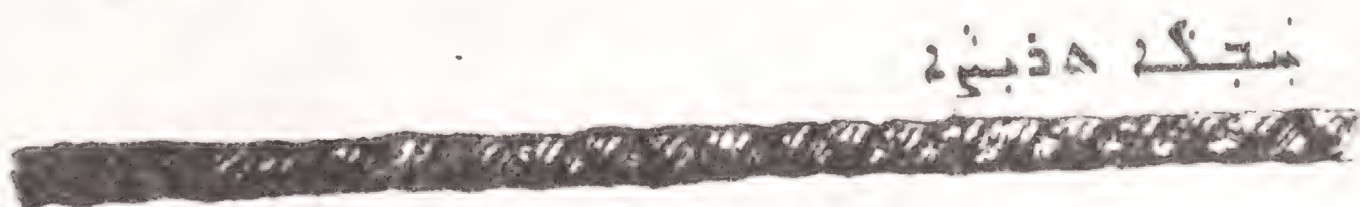
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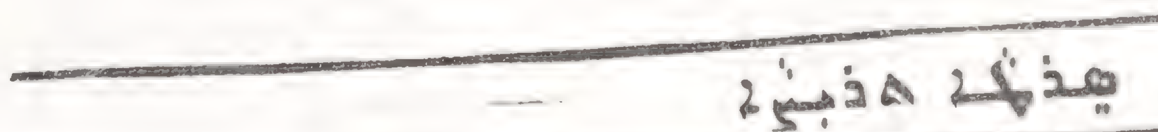


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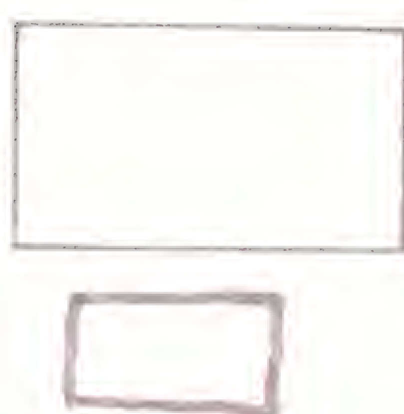
ܣܪܛܐ ܥܩܝܡܐ

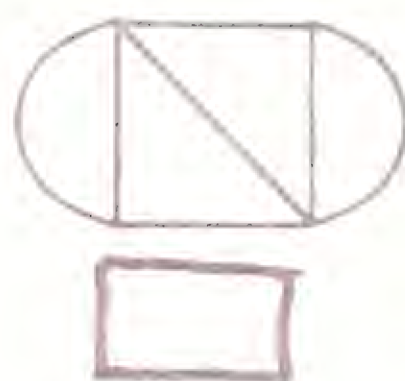




ܣܪܛܐ ܬܪܝܨܐ

ܟܬܘܒ ܠܡܢܝܢܐ ܕܡܬܠܬ̈ܐ ܗܕ̈ܡܝ ܟܠܚܕ ܕܨܘܪ̈ܬܐ










ܪܫܘܡ ܚܘܛܐ ܒܝܢ ܡܢܝܢܐ ܠܟܢܫܐ ܕܫܘܬܦܐ





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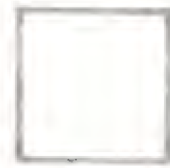


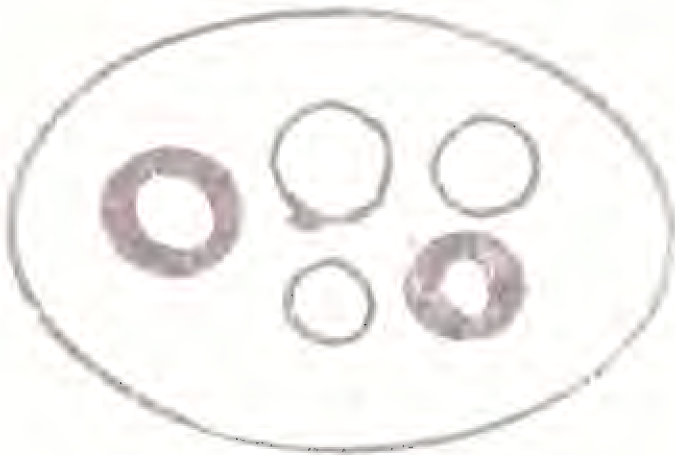


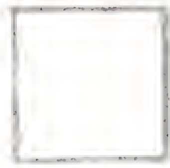
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ܡܢܝ ܘܟܬܘܒ ܠܡܢܝܢܐ ܕܡܢܝ̈ܢܐ

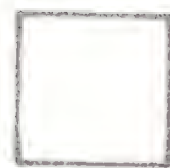


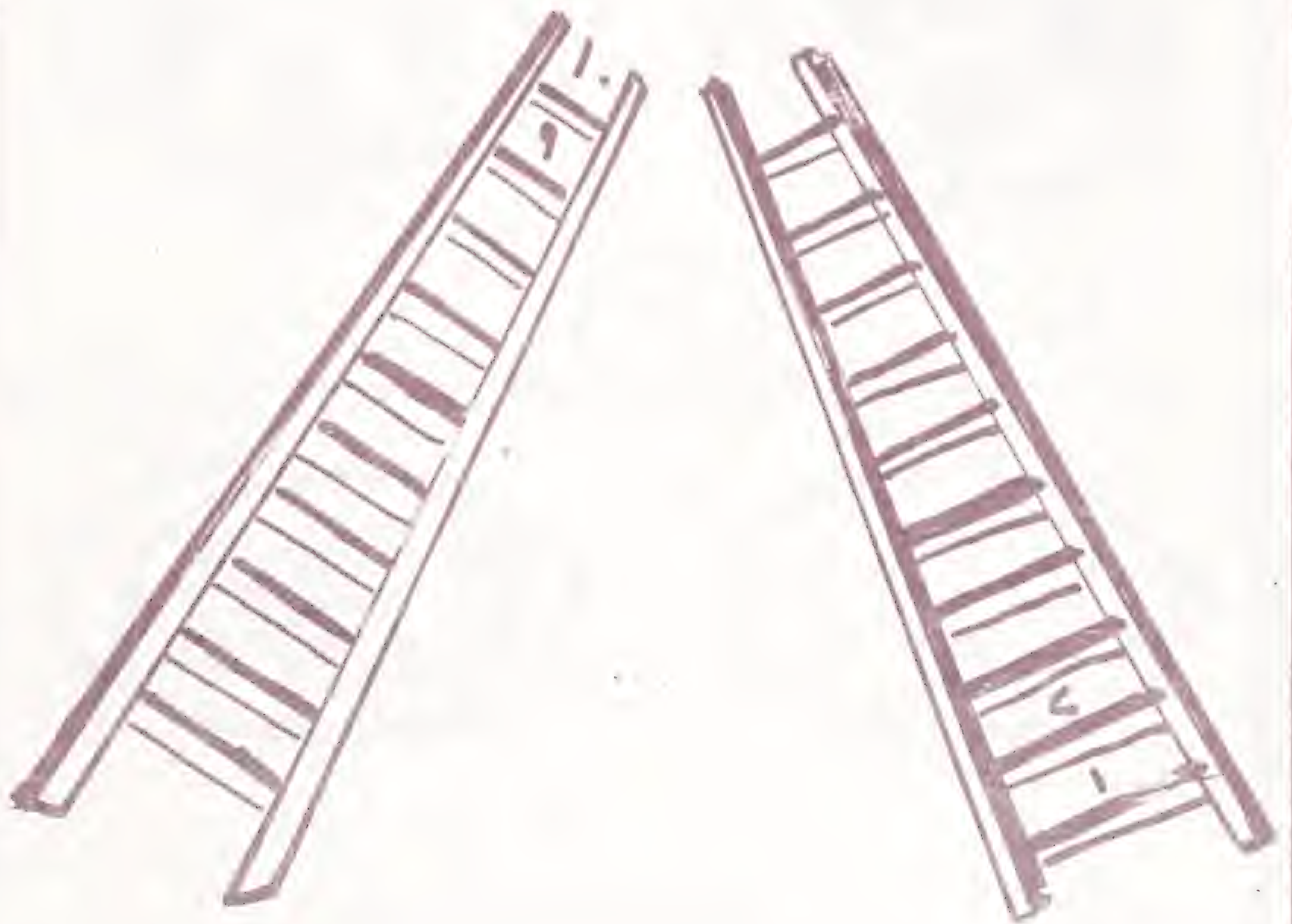




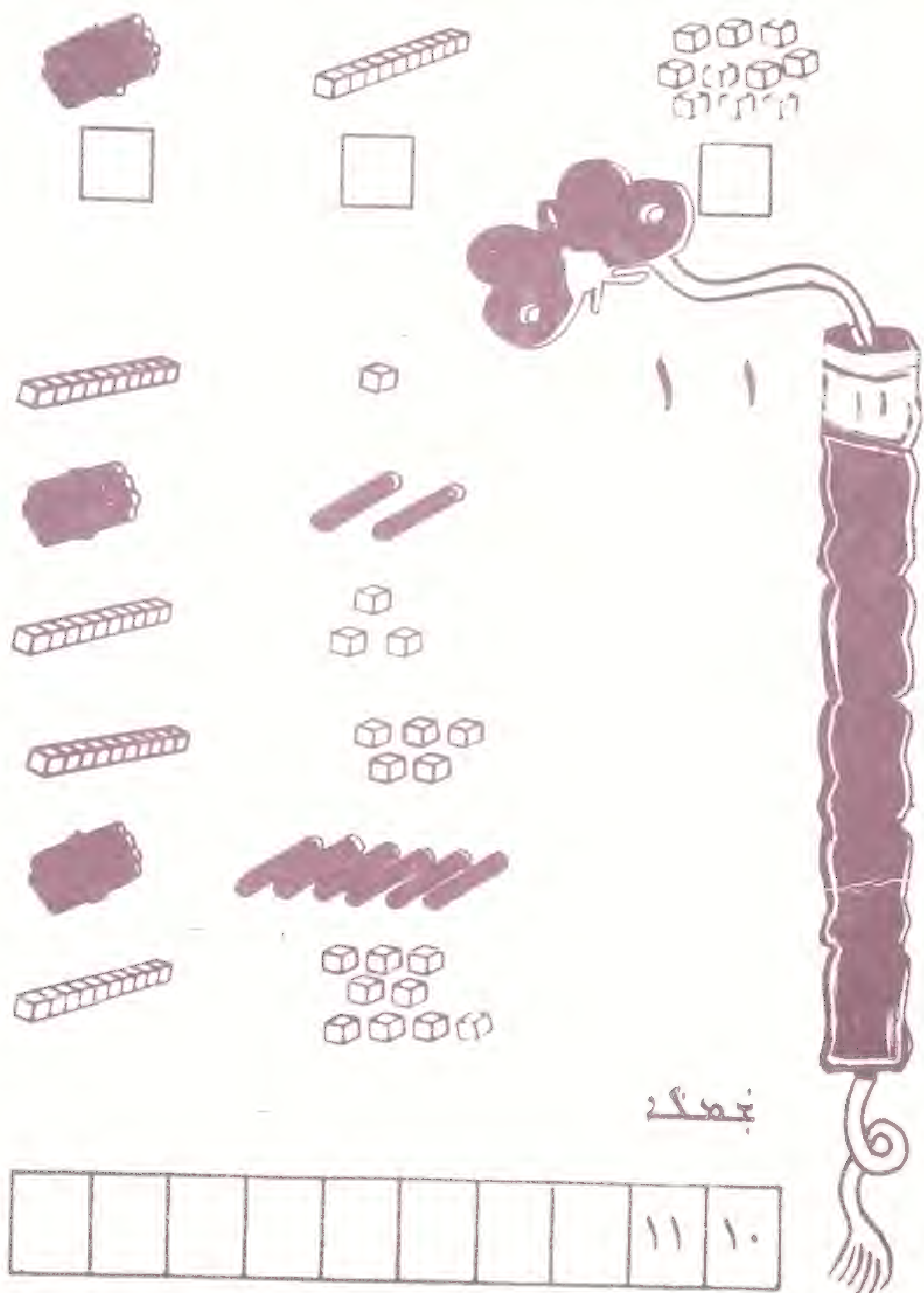



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ܓܡܠܐ

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ܟܬܘܒ ܠܫܡܗ̈ܐ ܕܡܢܝܢ̈ܐ



ܡܠܝ

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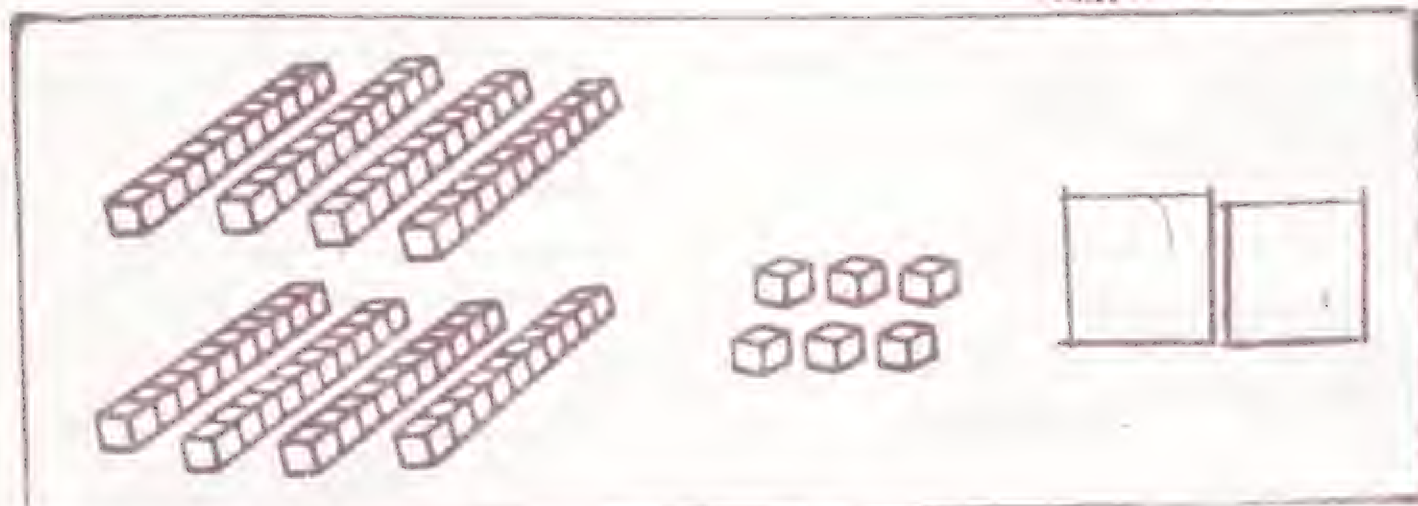


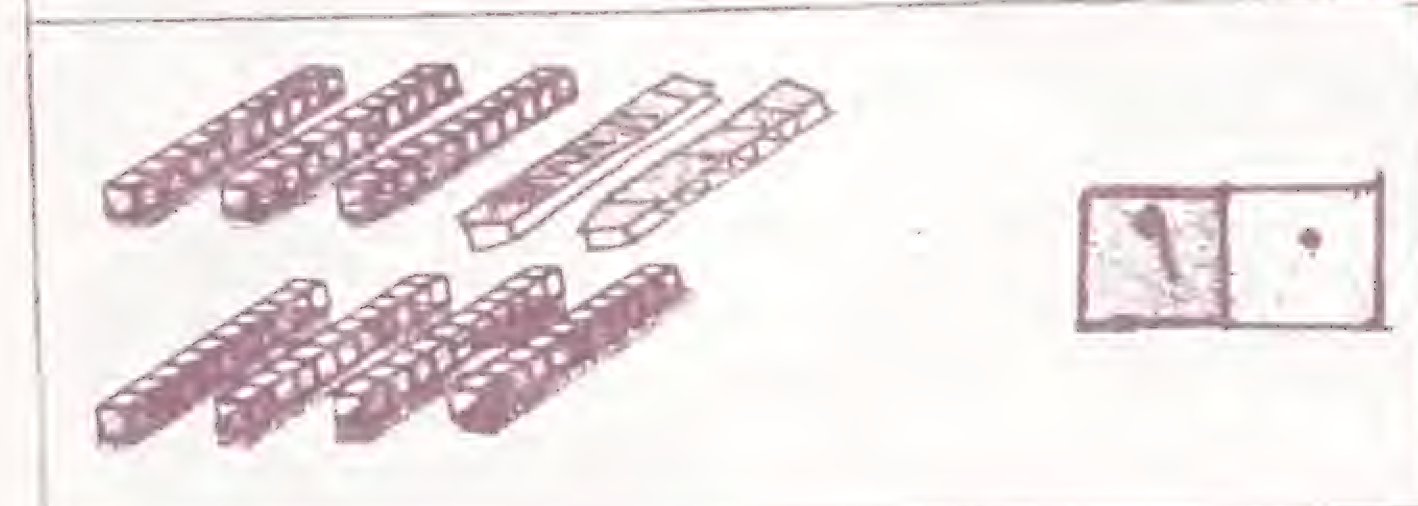
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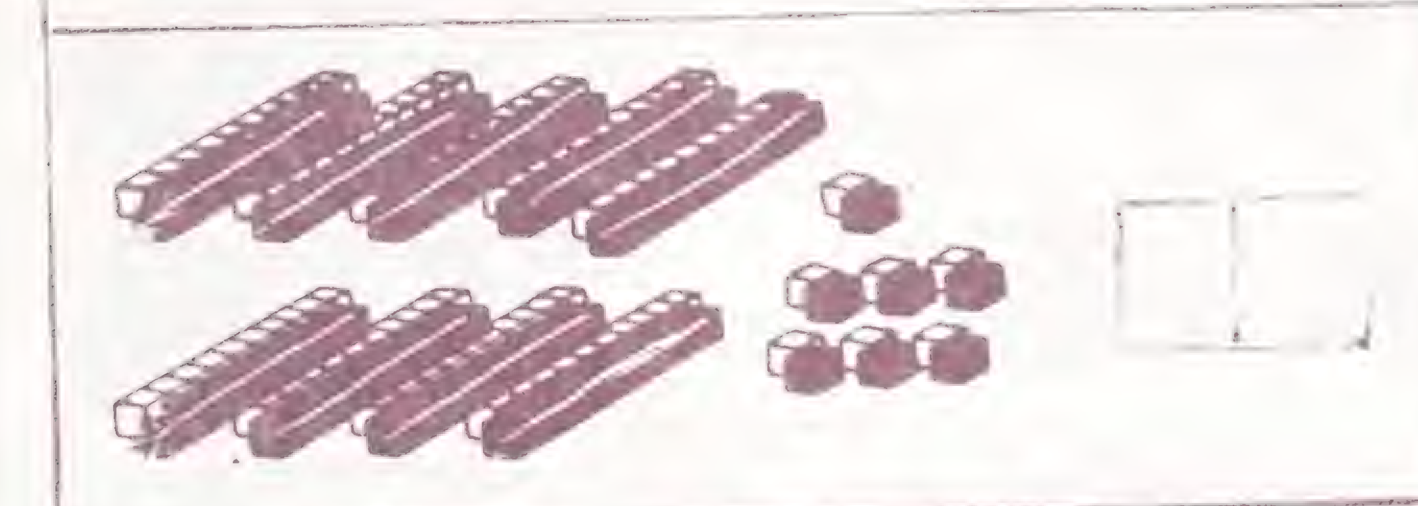
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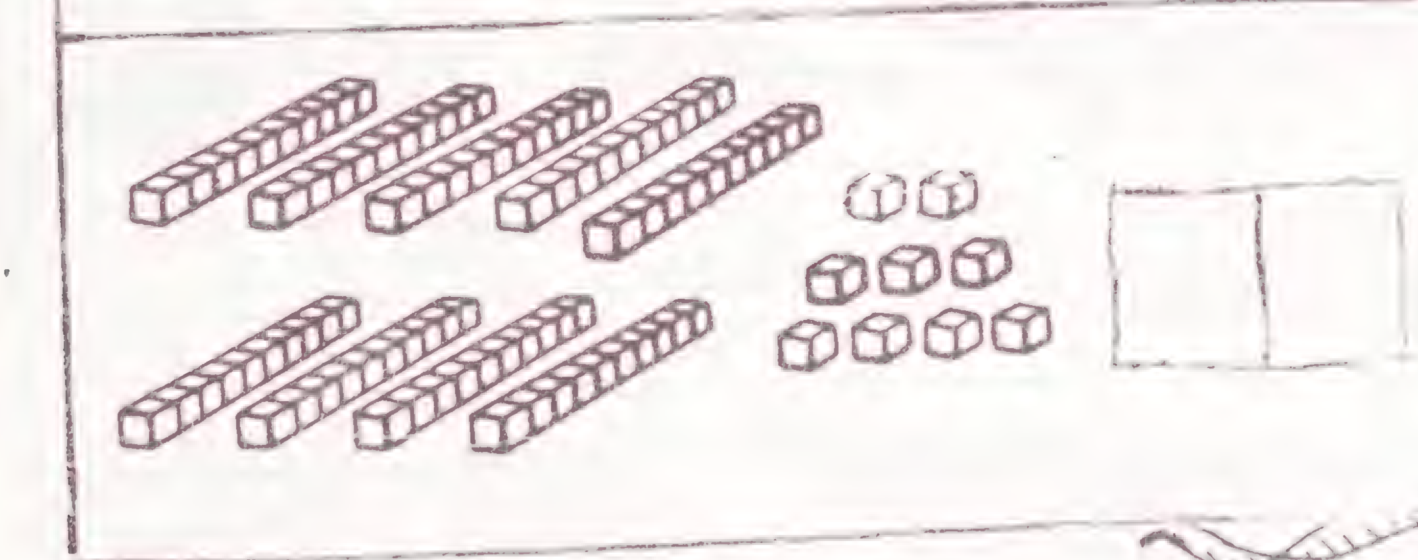


ܟܬܘܒ ܠܓܡܘܪܐ ܕܡܢܝ̈ܢܐ











تمرين

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ܩܪܝ ܠܡܢܝܢܐ ܘܨܒܘܥ ܠܨܘܪܬܗ

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٤٠	١٤	٤٤	٤	ܐܪܒܥ
٥٠	٥	١٥	٥١	ܚܡܫܝܢ ܘܚܕ
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ܟܬܘܒ ܠܪܡܙܐ ܕܡܢܝܢܐ

ܬܫܥܝܢ ܬܡܢܝܐ ܫܒܥܝܢ ܘܬܪܬܝܢ

ܐܪܒܥܝܢ ܘܫܬܐ ܬܪܬܝܢ ܘܬܡܢܝܐ ܬܡܢܝܢ

ܬܡܢܝܢ ܘܚܕ ܫܒܥܝܢ ܘܫܒܥܐ ܚܡܫܝܢ ܘܚܡܫܐ

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ܟܬܘܒ ܠܡܢܝܢܐ ܕܐܬܝܢ ܒܬܪ ܟܠܚܕ

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ܟܬܘܒ ܠܡܢܝܢܐ ܕܐܬܝܢ ܩܕܡ ܟܠܚܕ

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ܬܡܠܐ

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ܚܒܘܫ ܐܝܢܐ ܐܝܠܗ ܨܘܪܬܐ ܕܡܢܝܢܐ ܠܡܢܝܢܐ

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ܟܬܘܒ ܠܚܘܒܐ ܕܙܘܓܢܝܐ ܕܝܘܡܢܐ ܡܢܘܢܐ

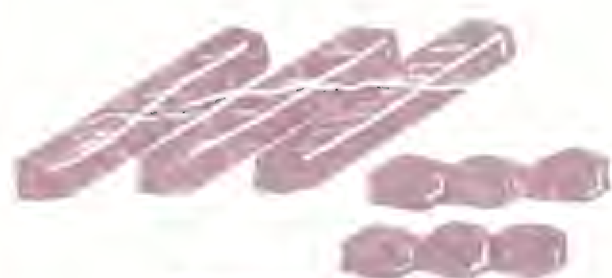
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ܥܒܕ ܠܒܝܬܐ ܡܠܫܦܐ > ٥٤ <



٤٢



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٤٢ (>) ٣٦





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٣٧	◯	٧٣
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٨٢	◯	٨٥

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٣٦	◯	٣١
٦٨	◯	٦٧

ܚܫܘܒ ܠܡܢܝܢܐ ܕܡܢܝܢܐ ܪܒܐ

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	٣٦	٤٥	٤٢

ܚܫܘܒ ܠܡܢܝܢܐ ܕܡܢܝܢܐ ܙܥܘܪܐ

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	٥٣	٥٠	٣٥

ܣܕܘܪ ܒܥܠܝܘܬܐ

٤٣	١٨	٢٤	٣٤
٥٤	٦٦	٤٦	٦٤

ܣܕܘܪ ܒܡܚܬܝܘܬܐ

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٧٥	٥٠	٧٠	٥٧



ܝܘܚܢ ܫܢ̈ܝܢ



ܪܝܢܐ ܫܢ̈ܝܢ



ܡܕܠܘ ܫܢ̈ܝܢ



ܡܪܬܐ ܫܢ̈ܝܢ



ܡܢ ܪܒܐ ܒܫܢ̈ܝܐ ؟



ܡܢ ܙܘܥܪܐ ܒܫܢ̈ܝܐ



ܢܝܫܢ ܫܢ̈ܝܢ

ܣܝܡ ؟ >

ܫܢ̈ܐ ܕܝܘܚܢ ○ ܫܢ̈ܐ ܕܡܕܠܘ ،

ܫܢ̈ܐ ܕܢܝܫܢ ○ ܫܢ̈ܐ ܕܝܘܚܢ

ܫܢ̈ܐ ܕܡܪܬܐ ○ ܫܢ̈ܐ ܕܪܝܢܐ

خمك







ܡܲܢ ܪܵܒܵܐ ܗܘ :

ܡܲܢ ܟܪܝܼܵܐ ܗܘ ؟

ܢܝܼܫܵܢ ☐ ܡܢ ܝܘܿܢܵܢ

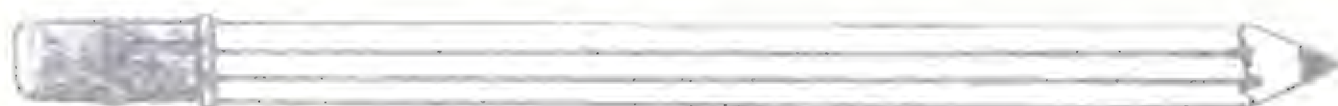
ܝܘܿܢܵܢ ☐ ܡܢ ܢܝܼܫܵܢ

ܫܝܡ ✓ ܠܐܘ ܐܪܝܟܐ ܗܘ

☐ 

☐ 

☐ 

☐ 
































ܐܨܒܥܐ ܥܩܒܝܬܐ ܙܪܬܐ

ܕܪܥܐ ܦܣܥܬܐ

ܡܫܘܚ ܠܝܡܐ ܕܡܫܚܬܐ ܕܩܢܝܐ ܐܘܪܟܐ

ܐܘܪܟܐ ܕܩܢܝܐ = ☐ ܐܨܒܥܐ



ܐܘܪܟܐ ܕܫܒܛܐ = ☐ ܣܢܛܝ̈



ܐܘܪܟܐ ܕܝܣܚܠܐ ܟܓܠܐ = ☐



ܐܘܪܟܐ ܕܛܒܠܝܬܐ ܒܣܢܛܝ̈ =

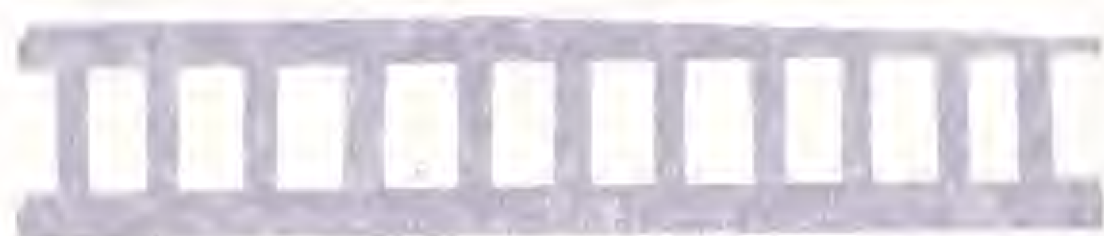
ܡܫܘܚܬ ܐܘܪܟܐ



















[illegible]

[illegible] ☐

[illegible] ☐

[illegible] ☐

[illegible] ☐

ܡܢܝ ܠܟܡܘ̈ܬܐ ܘܟܬܘܒ ܚܕ ܕܡܢܝܢܐ ܕܟܠܗܘܢ

	ܟܡܘ̈ܬܐ	
		١٠

	حُزْمَة	
	☐	☐☐☐
	☐	☐☐☐
	☐	١ ٠ ٠

	٠ | ٩ |	٩٠

ܡܢܝ ܠܡ̈ܢܘܬܐ ܘܟܬܘܒ ܠܪ̈ܡܙܐ ܕܡ̈ܢܝܢܐ

	ܡ̈ܢܘܬܐ	
	١	١ | ٠ | ٠
	٢	٢ | ٠ | ٠
		| |
		| |
		| |

صِتَّةُ بِهِ

عد الصفحات:





٣

٥

٣ صفحات + ٥ صفحات = ٨





صفحات صفحات صفحات





صفحات صفحات صفحات

تمرّن









تمرين

٣٠٠ ٤٠٠

٩٠٠ ٨٠٠

٣٠٠ ٢٠٠

٥٠٠ ٦٠٠

ضع < أو > أو =

٤٠٠ ٢٠٠	٥٠٠ ٦٠٠	٧٠٠ ٩٠٠
٣٠٠ ١٠٠	٣٠٠ ٣٠٠	٨٠٠ ٧٠٠

ܟܬܘܒ ܠܡܢܝܢܐ ܕܡܚܘܝܢܐ ܠܗ ܕܨܘܪܬܐ

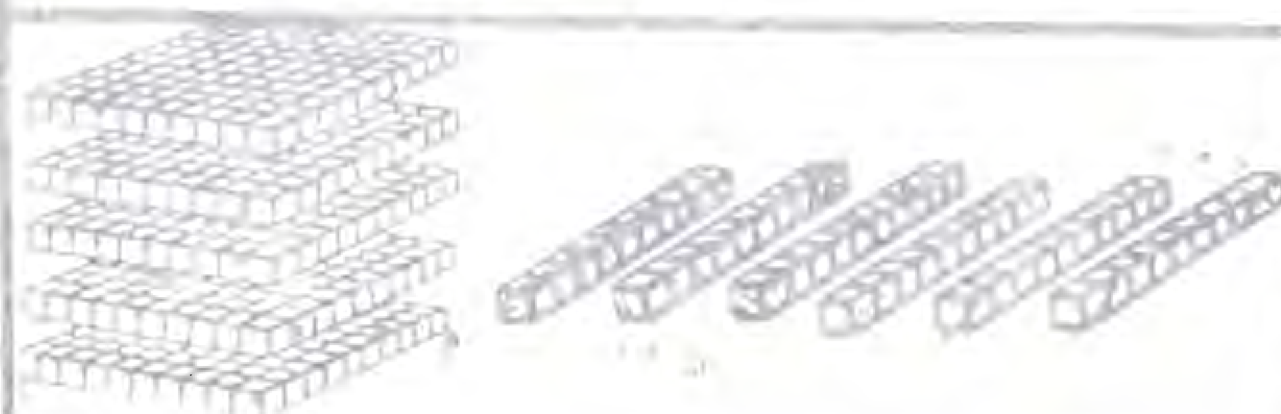


١	٤	٦



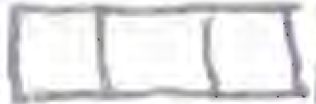


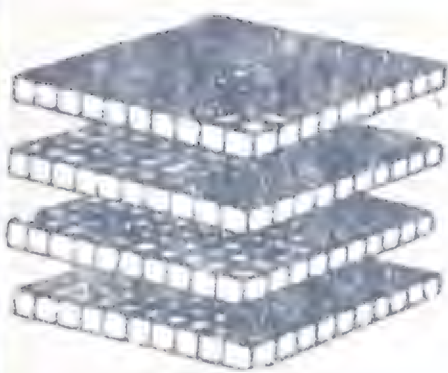


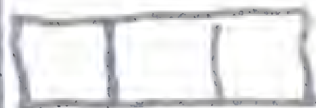


ܚܫܘܒ ܠܡܢܝܢܐ ܕܡܚܘܝܢܐ





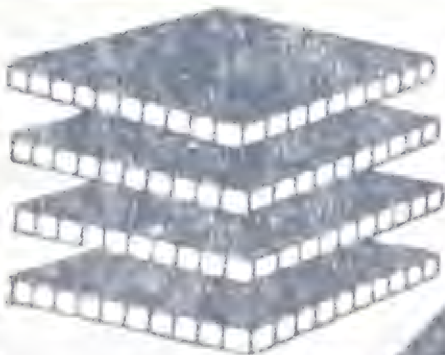


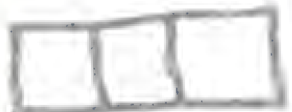













ܟܬܘܒ ܡܢܝܢܐ ܕܡܫܚܬܐ ܐܝܟ ܕܓܠܝܐ ܒܦܬܐ



٤



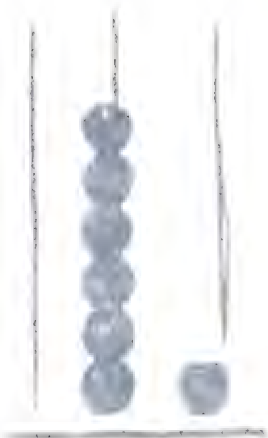
٢٨



١١٢













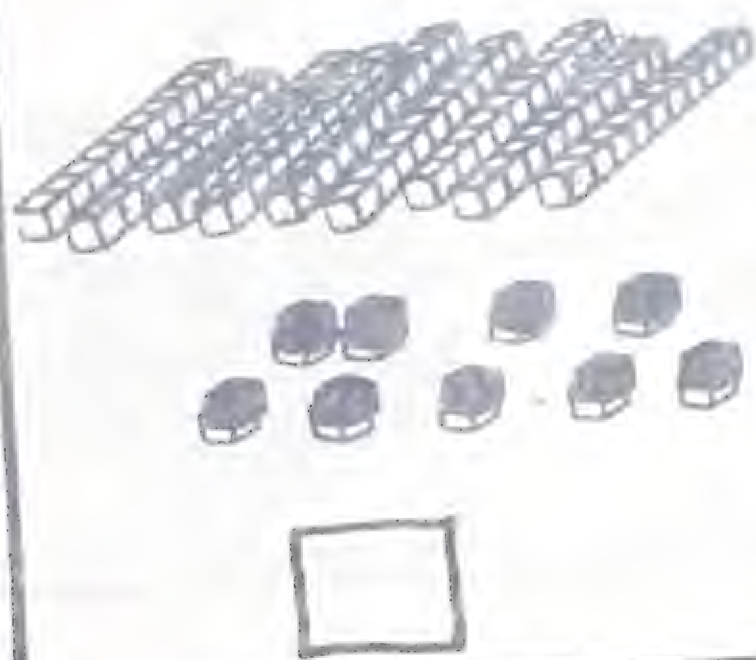
ܟܬܘܒ ܠܪܡܙܐ ܕܡܢܝܢܐ

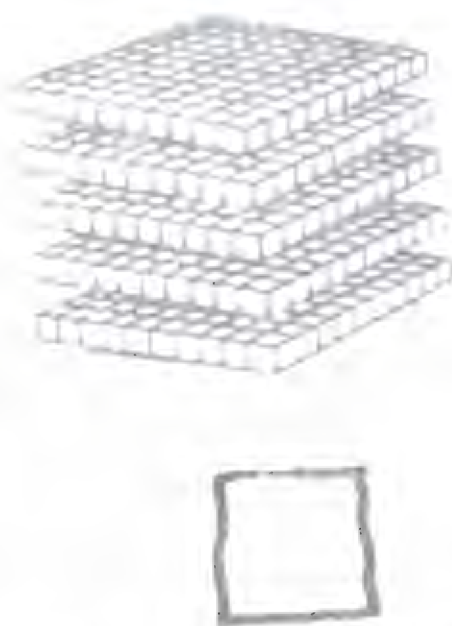






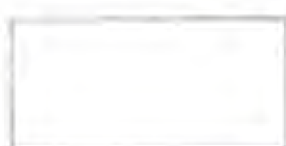






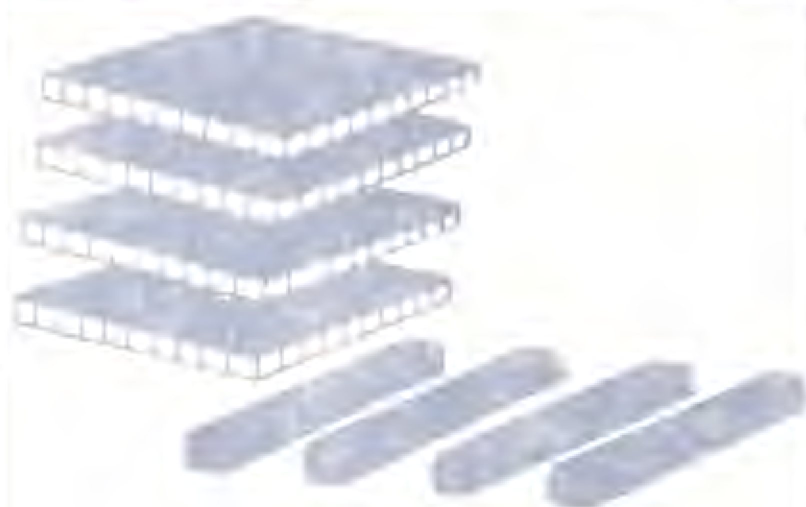
ܟܬܘܒ ܠܡܢܝܢܐ: ܕܡܢܝܢܐ











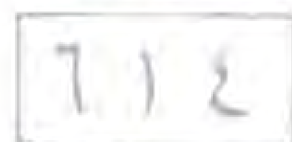






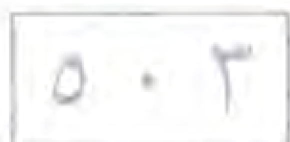
ܨܘܪ ܐܡܒܩܐ ܠܟܠ ܚܕ





٦١٤





٥٠٣





٤٠٠



ܟܡܐ: ܕܪܕܘܬܐ

ܕܕܗܒܐ ܕܡܫܝܚܐ



ܟܡܠ ܠܗܢܐ

ܫܘܪܐ ܕܡܢܝܢ̈ܐ

٢٠٩								٢٠١	٢٠٠
							٢١٢	٢١١	
								٢٢١	٢٢٠
						٢٣٣	٢٣٢		
								٢٥١	٢٥٠
			٢٦٦	٢٦٥					
٢٧٩		٢٧٧							
					٢٨٤	٢٨٣			
									٢٩٠

تمـ ٢٠

							٣٠٢	٣٠١	٣٠٠
٣٩٩									

								٣١٥	٣١٤
		٣٤٢	٣٤١						
٣٦٢	٣٦١								

تمرين

٤٠٠	٤٠١	٤٠٢							
									٤٩٩

٤٣٧	٤٣٨								

٤١٥	٤٨٤	٤٨٣							

				٤٥٩	٤٦٠				

تمرين:

							٥٠٢	٥٠١	٥٠٠
٥٩٩									

								٥١٩	٥١٨

								٥٤٢	٥٤٣

					٥٧٢	٥٧١			

أكمل

٧٠٠	٧٠١	٧٠٢							

٧٢٠	٧٢١								

٧٧٠	٧٦٩								

				٧٩٠	٧٩١				

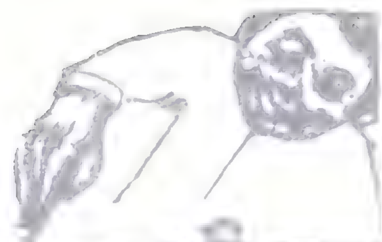
عمل

							٩٠٢	٩٠١	٩٠٠

								٩١٦	٩١٥

								٩٣٠	٩٣١

				٩٤٩	٩٤٨				



٩٧ ٩٩ ١٠٠ ١٠١ ١٠٣ ١٠٤

١١٩ ١٢١ ١٢٣

٢٣٧ ٢٣٨ ٢٤٠ ٢٤٣ ٢٤٤

٤٨٨ ٤٨٩ ٤٩١ ٤٩٤

٥٤٨ ٥٤٩ ٥٥١ ٥٥٣ ٥٥٤

٧٢٢ ٧٢٣ ٧٢٥

٨٥٠ ٨٥٢ ٨٥٤ ٨٥٦

٩٩٢ ٩٩٤ ٩٩٥ ٩٩٨

تمرين

٣٩٨	٣٩٩			
		٥٠٠	٥٠١	
			٦٥١	٦٥٢
	٧٧٨	٧٧٩		
			٨٩٠	٨٩١

٩٩٩	٩٩٨	٩٩٧		
٨٤٣	٨٤٢			
٤٦٠	٤٥٩			
	٧٩٠	٧٨٩		
			٩٠٣	٩٠٢

ܟܬܘܒ ܠܡܢܝܢܐ ܕܡܢܝܢܐ ܕܩܕܡܝܐ ܘܡܢܝܢܐ ܕܡܢܝܢܐ ܕܒܬܪܗ ܐܝܟ
ܕܒܓܘܦܐ

	١٧٥				٢٤٠	٢٣٩	٢٣٨
	٥٩١					٣٩٨	
	٦٧٠					٧٠١	
	٨٠٩					٤٥٠	

ܢܡܘܢܐ

			١٢٠	١١٠	١٠٠
			٤٢٠	٤١٠	٤٠٠
				٥٧٠	٥٦٠
				٨٨٠	٨٧٠

ܟܬܘܒ ܠܡܢܝ̈ܢܐ ܕܡܫܬܡ̈ܠܝܢ ܐܝܟ ܕܒܬܚܘܡܐ :

٤ ܡ̈ܐܘܬܐ ٧ ܝܚܝ̈ܕܝܐ ٣ ܥܣܪ̈ܘܬܐ = ٤٧٣

٣ ܡ̈ܐܘܬܐ ٥ ܝܚܝ̈ܕܝܐ ٨ ܥܣܪ̈ܘܬܐ =

٥ ܡ̈ܐܘܬܐ ٧ ܥܣܪ̈ܘܬܐ ٤ ܝܚܝ̈ܕܝܐ

• ܡ̈ܐܘܬܐ ٤ ܝܚܝ̈ܕܝܐ ٠ ܥܣܪ̈ܘܬܐ =

٦ ܡ̈ܐܘܬܐ ٨ ܝܚܝ̈ܕܝܐ =

٧ ܡ̈ܐܘܬܐ ٣ ܝܚܝ̈ܕܝܐ =

٨ ܡ̈ܐܘܬܐ ٩ ܥܣܪ̈ܘܬܐ =

٣ ܥܣܪ̈ܘܬܐ ٥ ܝܚܝ̈ܕܝܐ ܡ̈ܐܘܬܐ =

ܚܘܝ

١ ܡ̈ܐܘܬܐ ○ ٤ ܝܚܝ̈ܕܝܐ ٧ ܥܣܪ̈ܘܬܐ = ١١٧

ܡ̈ܐܘܬܐ ○ ܝܚܝ̈ܕܝܐ ܥܣܪ̈ܘܬܐ = ٤٨١

ܡ̈ܐܘܬܐ ○ ܝܚܝ̈ܕܝܐ ܥܣܪ̈ܘܬܐ = ٧١٢



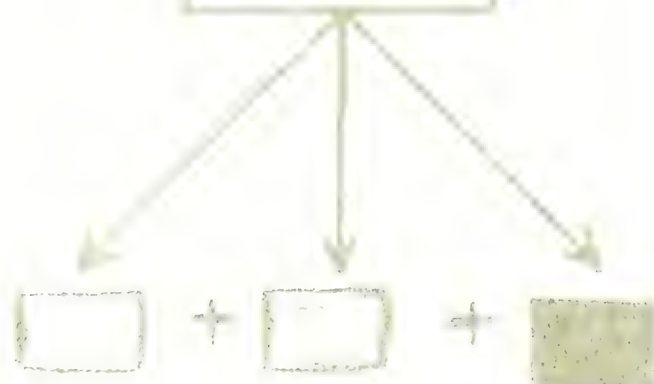




٢٣٤ = ٤ وحدات + ٣ عشرات + ٢ مئات

٢٣٤ = ٤ + ٣٠ + ٢٠٠

٤٦٥



٢٠٠ + ٥٠ + ٣

٦٧٢



٤٠٠ + ١٠٠ + ٤

حلل

١٣٥ = ٥ + ٣٠ + □

٢٤٥ = ٥ + □ + ٢٠٠

٣٧٤ = □ + ٧ – ٣٠٠

٥٢١ = ١ + ٢٠ + □

٣٤٠ = ٠ + ٤٠ + ٣٠٠

٣٠٩ = ٩ + □ + ٧٠٠

٤٤٤ = □ + ٤٠ + ٤٠٠

٧٧٠ = ٠ + □ + ٧٠٠

٩٩٩ = ٩ + ٩٠ + □

٦٤٢ = ٢ + ٤٠ + □

٢١ =

١٦

٢٠ =

٢٥ =

٣٢ =

ܬܡܪܝܢ:

ܛܝܡܘܬܐ ܕܕܘܟܬܐ ܕܡܢܝܢܐ ٦	ܛܝܡܘܬܐ ܕܕܘܟܬܐ ܕܡܢܝܢܐ ٥	ܛܝܡܘܬܐ ܕܕܘܟܬܐ ܕܡܢܝܢܐ ٤	ܡܢܝܢܐ
			٦٥٤
			٥٦٤
			٤٦٥
			٦٤٥
			٤٥٦
			٥٤٦

ܛܝܡܘܬܐ ܕܕܘܟܬܐ ܕܡܢܝܢܐ ٢	ܡܢܝܢܐ
	٥٤٣
	٢٣٧
	٣٦٢

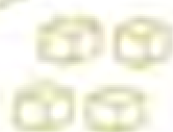
ܛܝܡܘܬܐ ܕܕܘܟܬܐ ܕܚܕܝܐ ١	ܡܢܝܢܐ
	٧٦٠
	٦٩٨
	٩١٦



ضع علامة < أو >





٢٢٧ ◯ ٣١٤

٣٧٥	◯	٤٧٥	٢٠١	◯	١٠٢
٤٢٩	◯	٣٥٩	٧٠٩	◯	٩٠٧
٢٣٥	◯	٤٢٧	٥٠٠	◯	٤٠٠
١٩٩	◯	١٩٩	٧١٣	◯	٥٤٥
٤٨٠	◯	٩١٨	٥٢٤	◯	٦٣٥
٣٠٠	◯	٤٠٠	٤٩٩	◯	٥٠٠





٢٨٥	○	٢٩٥	٢٥٨	○	٩١٤
٤٧٤	○	[illegible]	[illegible]	○	١١٥
٣١٨	○	٣٨١	٤١٧	○	٩٨١
٢٥٠	○	[illegible]	٧٩٧	○	٧١١
٢٣٣	○	٧٩٩	٢٣٥	○	٣٢٤
٩١١	○	٩٧٨	٩٨٧	○	٩١٨

ضع > أو = أو <





٤٩٦ ○ ٦٩٦





☐ ○ ☐

٣٥٤ ○ ١٥٤	٤٠٥ ○ ٤٥٠
٢١٩ ○ ٣١٩	٥١٤ ○ ٥١٥
٤٧٠ ○ ٧٤٠	٨١٨ ○ ٨١٣
٦٠٥ ○ ٦٥	٣٥٨ ○ ٣٩٧
٩٩ ○ ١٠١	٤٤٢ ○ ٤٤١

هيّا نرتّبها تنازلياً

٤٣٥ ، ٤١٧ ، ٣٦٩ ، ١٢٥

٤٩٧ ، ٧١٤ ، ٦٥١ ، ٢٩٩

٢٣٠ ، ٣١٧ ، ٣٥٥ ، ٣١٠

هيّا نرتّبها تصاعدياً

١٤٠ ، ١٧٥ ، ١٩٥ ، ٤١٥

٤٧٥ ، ٤١٩ ، ٤٨٤ ، ٤٩١

٧٥٥ ، ٨١٥ ، ٧٩٩ ، ٣٨٥

[illegible]

٥ . ٤ . ٣

٥٤٣	٥٣٤				

[illegible]

[illegible]

٩ . ٦ . ٢

[illegible]

[illegible] ٥ ، ٣ ، ٤

[illegible]

[illegible] ٢ ، ٩ ، ٦

[illegible]

[illegible]

٥٠٧	٥٧	٧٥	[illegible]
٣٣٤	١٤٣	[illegible]	[illegible]
٢٥٩	٢٩٥	[illegible]	[illegible]
٢٩٠	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
٧٧٤	٤١٧	٤٧١	[illegible]
١٩٠	[illegible]	[illegible]	[illegible]















[illegible]













[illegible]































































٣ + ٤



















٤ + ١ = ٥



☐ + ☐ = ☐



☐ + ☐ = ☐



☐ + ☐ = ☐



☐ + ☐ = ☐

٥ + ٧ =	٤ + ٥ =	٦ + ٨ =
٣ + ٩ =	٨ + ٧ =	٦ + ٤ =
٨ + ٦ =	٥ + ٨ =	٧ + ٥ =
٧ + ٧ =	٨ + ٥ =	٧ + ٣ =

٣ + ٧	٦ + ٨	٩ + ٥	٨ + ٨	٧ + ٩	٩ + ٩
٦ + ٤	٤ + ٨	٨ + ٧	٧ + ٦		٧ + ٤





٧ - ٣































[illegible]

٨ - ٢ =	[illegible]	[illegible]
١١ - ٣ =	[illegible]	[illegible]
١٢ - ٦ =	[illegible]	[illegible]
١٣ - ٥ =	١٢ - [illegible]	١٧ - ٩ =
١٦ - ٩ =	[illegible] - ٧	[illegible]

٩ - ٣	١٠ - ٤	[illegible]	[illegible]	[illegible]
١١ - ٧	١٣ - ٩	[illegible] - ٨	[illegible] - ٩	١٥ - ٦



٣ + ٤ = ٧

٧ − ٤ = ٣

٧ − ٣ = ٤



+ =

− =

− =



+ =

− =

− =

[illegible]

٥ + ٤ = □	٤ + ٣ = □	[illegible] + [illegible] = □
٩ − ٤ = □	١٠ − ٤ = □	١٤ − ٧ = □
٨ + ٦ =	٥ + ٨ =	[illegible] + ٩ =
١٤ − ٨ =	١٣ − ٥ =	١٧ − ٩ =
١٦ − ٨ =	[illegible]	[illegible]
[illegible]		
٨ − ١ =	[illegible]	[illegible] = □
٣ + □ = ٨	[illegible] + □ = ١٤	[illegible] + □ = ١٢
□ + ٨ = ١١	□ + ٩ = ١٢	□ + ٩ = ١٢
١٣ − ٧ = □	١٢ − ٦ = □	١٣ − ٩ = □
١٦ − □ = ٨	١٥ − □ = ٦	١٤ − □ = ٨

حل المسائل

٣ + ٧	٢ + ٨	١١ − ٥	١٢ − ٦	٩ + ٥	٨ + ٨
١٣ − ٩	٧ + ٩	١٥ − ٦	٤ + ٨	١٦ − ٧	٨ + ٧
١٢ − ٤	٧ + ٩	١١ − ٠	٦ + ٩	١٣ − ٧	٠ + ٨

ضع العلامة المناسبة + أو −

٥ ○ ٥ ١٠	٨ ○ ٢ ٦	٩ ○ ١ ١٤	١١ ○ ٧ ٤	١٣ ○ ٣ ١٠
٧ ○ ٧ ٠	٣ ○ ٩ ١٢	٦ ○ ٩ ١٥	٩ ○ ٦ ٣	٧ ○ ٠ ٧

٦ + ٧ < ٦ ☐	٨ = ٩
٨ + ٤ < ١٠ ☐	٩ − ٣
٩ − ٣ = ٩ ☐	☐
١٢ − ٥ > ٥ ☐	☐









[illegible]



[illegible] (٧ ، ٥ ، ٨)



[illegible] ٧ [illegible]



[illegible] ١٣ [illegible] ٩



[illegible] (٩ ، ٥ ، ٩)



[illegible] ٧ [illegible] ٤



[illegible] ٦ [illegible] ١٣



[illegible] ١٤ ٨



[illegible] ٧ [illegible] ٤



[illegible] ٩ [illegible] ٣

أكمل في الجداول

٦	٤	٢
٤	١	٢
١٠	٥	٥

	١	٣
	٢	٢

	٠	٥
	٣	١

	٣	٣
	٥	١

	٢	١
	٣	٤

	٢	٤
٤	٣	

٦	٣	
	١	٢

٨		١
		٣

تحقق




٦

٤ ‹ ١٠

+ ٣

١٣



٦



١ ‹ ٧

+ ٦





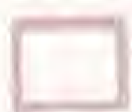
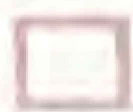
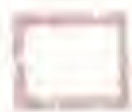
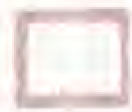
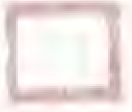
٦

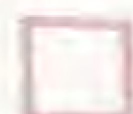
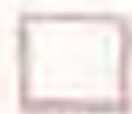


يمكنك أن تجمعها

٧ ٣ + ٦	٤ ٦ + ٣	٢ ٨ + ٥
٥ ٢ + ٨	٨ ٣ + ٧	٣ ٦ + ٤
٨ ٤ + ٢	٣ ٥ + ٧	٥ ٢ + ٥
٨ ٥ + ٥	٦ ٧ + ٤	٩ ١ + ٦

إجمع كما يأتي :

٨	٢	٦	٨	٩
٧	٦	٣	٢	١
٣ +	٤ +	٧ +	٨ +	٧ +
				

٤	٦	٤	٦	٥
٤	٣	٥	٣	٧
٧ +	٤ +	٩ +	٦ +	٥ +
				

٤ + ٥ + ٢ = ☐

٨ + ٢ + ٧ = ☐

٥ + ١ + ٩ = ☐

٩ + ٨ + ٢ = ☐

٤ + ٥ + ٦ = ☐

٨ + ٤ + ٢ = ☐

٧ + ٢ + ٥ = ☐

٦ + ٤ + ٩ = ☐

٨ + ٥ + ٥ = ☐

٧ + ٧ + ٣ = ☐

٣ + ٨ + ٧ = ☐

٩ + ٦ + ١ = ☐

٤٣
+ ٢٥
———
٦٨





٤٣ + ٢٥ = ٦٨



٥٣
+ ٧٢
———
١٢٥

٥٣ + ٧٢ = ١٢٥

إجمع ثم صحح

٧٢ + ٣٥	٦١ + ١٧	٤٨ + ٥	٣٢ + ٤٠	١٧ + ٣١	١٤ + ٣٢
٩٣ + ٢٧	٧١ + ٥٢	٨٢ + ٣٥	٤٠ + ٥٠	٧٤ + ٢	٧ + ٢٣
٥٤ + ٧٥	٩٠ + ٤٩	٦٠ + ٨٠	٥٥ + ٦٤	٦٨ + ٩١	١٠

٢٤ + ٣٥ = ٥٩   ٤٤ + ٢٢ =

٤١ + ٢٧ =   ٢٣ + ٥٦ =

٦٢ + ٨٧ =   ٥٤ + ٦٤ =

٦٠ + ٥٥ =   ٦٤ + ٩٠ =

٧١ + ٨٠ =   ٣٢ + ٧١ =

٥٥ + ٥٤ =   ٦٠ + ٧٩ =

٣٧
+ ٢٦

١٣
+ ٥٠

٦٣

(١)
٣٧
+ ٢٦

٦٣

٣٧ + ٢٦ = ٦٣

٦٥ + ٢٦	٥٦ + ٢٥	٣٨ + ٢٤	٦٧ + ١٥	٤٣ + ٣٩
٧٢ + ١٩	٥٣ + ٢٧	٦٥ + ٢٥	٣٦ + ٧٤	٢٨ + ٨٤

ܕܒܪܐ ܠܚܘܫܒܢܐ

٥٤	٧٧	٥٦	٨٠	٧٩
٣٨ +	٢٧ +	٩٠ +	٤٦ +	٦٧ +

٤٧	٩٥	٤٦	٥٥	٣٩
٩٨ +	٤٩ +	٥٦ +	٤٥ +	٨٩ +

١٧ + ١٢ =	٢٣ + ٢٩ =
٥٦ + ٨٧ =	٥٣ + ٥٨ =
٢٦ + ٨١ =	٦٤ + ١٦ =

ܟܡܐ ܕܒܫܡܐ ܣܘܡܩܐ

ܟܡܐ ܕܒܫܡܐ ܝܘܩܐ

ܟܡܐ ܕܟܠܗܘܢ ܕܒܫܡܐ



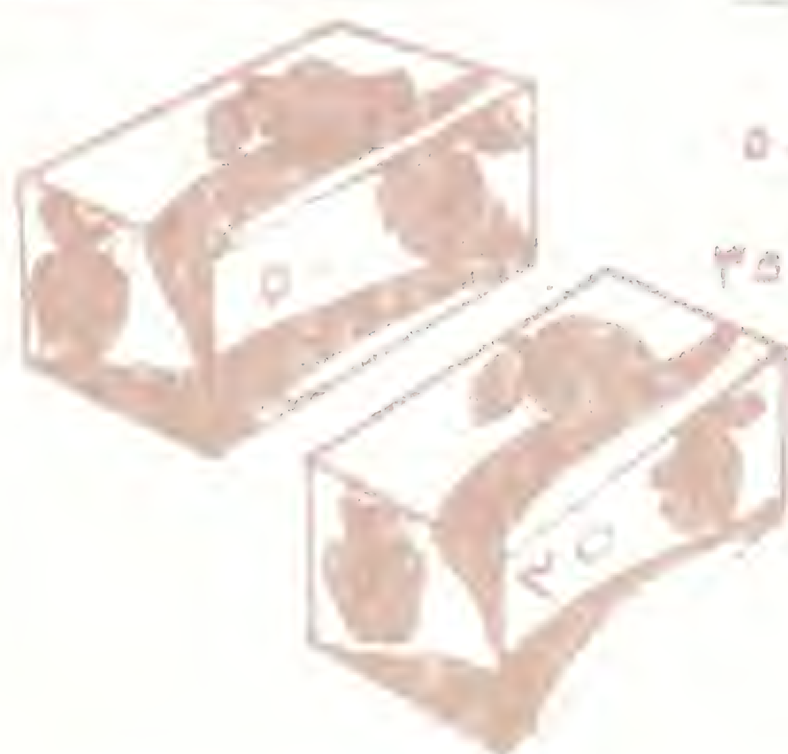


ܡܢܝܢܐ ܕܝܘܢ̈ܐ

ܡܢܝܢܐ ܕܦܪ̈ܚܬܐ

ܡܢܝܢ ܕܟܦ̈ܐ

ܡܢܝܢܐ ܕܩܦ̈ܨܐ



ܡܢܝܢܐ ܕܩܘܛ̈ܝܐ ܩܕܡܝܐ ٥٠

ܡܢܝܢܐ ܕܩܘܛ̈ܝܐ ܬܪܝܢܝܐ ٣٥

ܡܢܝܢܐ ܕܩܘܛ̈ܝܐ ܟܠܗܘܢ



ܡܢܝܢܐ ܕܫܡ̈ܥܐ ܚܘܪ̈ܐ

ܡܢܝܢܐ ܕܫܡ̈ܥܐ ܙܥܘܪ̈ܐ

ܡܢܝܢܐ ܕܫܡ̈ܥܐ ܟܠܗܘܢ





ܟܠ ܪܦܐ ܩܕܡܝܐ  ܟܬܒ̈ܐ

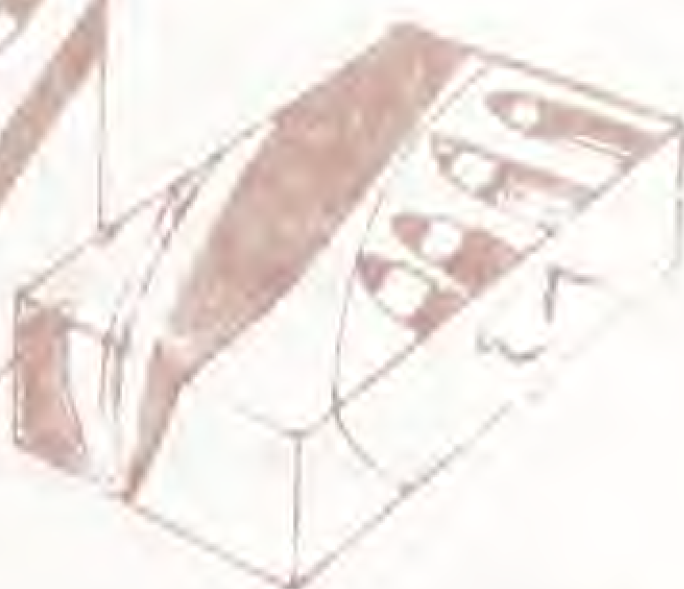
ܟܠ ܪܦܐ ܕܬܪܝܢܐ  ܟܬܒ̈ܐ

ܟܠ ܬܪܘܝܗܘܢ ܪ̈ܦܐ  ܟܬܒ̈ܐ

ܐܝܬ ܒܟܬܒܐ ܩܕܡܝܐ ٤٨ ܦܐܬ̈ܐ

ܐܝܬ ܒܟܬܒܐ ܕܬܪܝܢܐ ٢٤ ܦܐܬ̈ܐ





ܟܡܐ ܒܬܪܘܝܗܘܢ ...  ܦܐܬ̈ܐ

[illegible]

٧٥
− ٢٣
٥٢

٧٥ − ٢٣ = ٥٢

٩٧ − ٤٤ = ٥٣	٨٨ − ٢٥	٧٥ − ٦١	٥٦ − ٤٢	٤٧ − ١١	٩٣ − ٧٠
٧٦ − ٢٦	٦٧ − ٦٦	٥٦ − ٢١	٨٠ − ٢٠	٩١ − ٧١	٩٨ − ٧٧

٣٨ − ٢١ =

٧٤ − ٥٠ =

٣٧ − ١٢ =

٦٧ − ٦١ =

٤٩ − ٢٢ =

٤٥ − ١٣ =

٩٦ − ٥٣ =

٩٠ − ٤٠ =

٨٥ − ٤٥ =

٩٤ − ٤ =

[illegible]

(١٤) ٤ ٥٤ ٣٦ - ——— ١٨	 

(١٤) ٤

٥٤ − ٣٦ = ١٨

٦٥ ٢٦ - ———	٧٨ ١٩ - ———	٥٧ ٢٨ - ———	٧٤ ٢٩ - ———	٣٨ ٢٩ - ———
٦٢ ٤٥ - ———	٦٥ ٤٦ - ———	٧٠١ ٤٢ - ———	٤٨ ٣٨ - ———	٧٤ ٤٧ - ———

٢٥ − ١٩ =	٣٤ − ١٨ =
٣٧ − ٢٨ =	٧٥ − ٥٧ =

ܡܢܝܢܐ ܕܒܝܥܐ ܒܝܥܐ

ܬܠܬܝܢ ܡܢܘܚ ܒܝܥܐ

ܦܝܫܐ ܒܝܥܐ



ܡܢܝܢܐ ܕܕܩܠܐ ٢١ ܕܩܠܐ

ܥܣܪܝ ܡܢܘܚ ܕܩܠܐ

ܟܡܐ ܥܣܪܝ ܕܩܠܐ



ܐܝܬ ܫܒܥܐ ٢٥ ܣܘܣܐ

ܐܝܬ ܒܡܕܪܐ ١٧ ܣܘܣܐ

ܦܘܪܫܢܐ ܣܘܣܐ



ܚܒܫ ܪ̈ܫܐ: ܠܡܢܝܢܐ ܕܡܫܘ̈ܕܥܬܐ، ܒܡܠ̈ܘܐ ܡܙ̈ܕܩܐ،
ܘܚܒܫ ، ܥܠ ܓܘ̈ܠܢܐ ܘܫ̈ܘܝܐ ، ܒܡܠ̈ܘܐ ܘܫ̈ܘܝܐ ،

٣٧ ٤٢ ——— ٧٩	٦٤ ٤٤ ——— ٢٠	٤٣ ٢٠ ——— ٢٣	٣٧ ١٢ ——— ٢٥	٢٤ ٢١ ——— ٤٥
٨٧ ٦١ ——— ١٤٨	٦٤ ٤٢ ——— ٦٦	٥٩ ٢٩ ——— ٣٠	٧٠ ٢٠ ——— ٩٠	٦٠ ٣٠ ——— ٣٠
٤٣ ٧٢ ——— ١١٥	٩٢ ٦١ ——— ١٥٣	٧٧ ١٧ ——— ٦٠	٩٣ ٢٣ ——— ٧٠	٨٤ ٧٤ ——— ١٥٨

٢٣ < ١٥ + ٢٣	٦ < ٦ + ٧
٩٠ > ٤٠ + ٥٢	٥٠ < ٣٦ + ٢٥
٢٥ > ١١ − ٢٥	١٤ < ٦ − ١٤
٩٠ < ٥٠ + ٤٠	٨٠ > ٥٢ + ٣٠
٦٥ = ٤٠ − ١٠٠	٥٩ = ٢٢ − ٣١

[illegible] ٤ [illegible] ١٥	=
[illegible] ٥٦ ٠ ٩٨	=
[illegible] ٦٤ [illegible] ٨٩	=
[illegible] ٦٧ [illegible] ٨	=
[illegible] ٣٥ [illegible] ٦٤	=
[illegible] ٧٤ [illegible] ٨٥	=
[illegible] ٥٧ [illegible] ٨	=
[illegible] ٧٨ [illegible] ٧٥	=
[illegible] ٤٤ [illegible] ١٦ ؟	=
[illegible] ٦٦ ٠ ٥٥	=

ܪܫܡܐ ܠܡܘܢܝܐ ܕܚܕ ܕܟܠܗܘܢ







٣٣
٤٢
+ ٢٤
———
٩٩

٩٩ = ٢٤ + ٤٢ + ٣٣



٢
٤
+ ٢
———
٧٨

١١ ٢٣ + ٣٤	٢٠ ١٤ + ١٢	٤٢ ٢١ + ١٦	٥٤ ٢٠ + ١٣	٣٣ ٥٢ + ١٠

٢١
٥٤
٧٣+
١٤٨

١٤٨ = ٧٣ + ٥٤ + ٢١

نجد المجموع

٢٤	٢٧	١٣	٣٤	٤٢
١٤	٣٠	٢٥	٥٣	٣٤
٣١+	٦٠+	٤٠+	٦١+	٥٢+

بعد ـ لهونخ :

٥٢ ٣٣ + ٧١	٤٧ ٦١ + ٨١	٥٠ ٢٠ + ١٥	٧١ ٦٠ + ٥٨	٩٢ ٦٤ + ٥٠
٥٢ ١٠ + ٣٠	٢١ ٢١ + ٢١	٨٣ ٥٢ + ٦١	٩٠ ٦٤ + ٤١	٣٤ ٦٠ + ٨٠
٧٣ ٤١ + ٩١	٤٢ ٥٥ + ٤٠	٤٥ ٦٤ + ٥٠	٤٧ ٥٠ + ٩٠	٩١ ٤٤ + ٥٣

١٤ + ٣١ + ٥١ =	٧٢ + ٤١ + ٥٠ =
٢٣ + ٦١ + ٧٠ =	٧٠ + ٤٤ + ٥٥ =
٢٢ + ٤٤ + ٣٣ =	١٣ + ٧٢ + ٩٣ =















[illegible]

٢٤١ ٢٤٣ +	١٣٥ ٣٤٤ +	٦٥٤ ٣٣٢ +	٢٣٦ ٤٥٣ +	١٦٢ ٧٣٧ +
٤٠٨ ٢٨١ +	٥٤٠ ٣٥٧ +	٢٧٣ ٦٠٠ +	٧٠٣ ٢٠٦ +	٦٢٣ ٦٦ +
٣٤ ٢٥٣ +	٧٣٨ ١٤١ +	٧٠٠ ٨٩ +	٤٤ ٩٢٠ +	٣٥٧ ٢٠١ +

٣١٣ + ٥٤٢ =	٦٠٢ + ٢٠٧ =
٢٣٠ + ٥٣٠ =	٧٤١ + [illegible] =
٣١٤ + ٥٧١ =	٦٩٠ =
١٧٢ + ٢١ =	٠٥٢ =



ܒܗ̇ ܫܘܩܐ ܕܡܥܪܒܐ ١٣٤ ܒ̈ܬܐ

ܒܗ̇ ܫܘܩܐ ܕܡܕܢܚܐ ١٢٥ ܒ̈ܬܐ

ܒܗ̇ ܬܪܘܝܗܝ ܫܘܩ̈ܐ ܒ̈ܬܐ



ܒܝ ܡܕܝܢܬܐ ܕܒܓܕܕ، ١١٥ ܙܘܓ̈ܐ

ܒܝ ܡܕܝܢܬܐ ܕܢܝܢܘܐ ٤٣١ ܙܘܓ̈ܐ



ܒܝ ܬܪܘܝܗܝ ܡܕܝܢ̈ܬܐ ܙܘܓ̈ܐ



ܓܘ ܡܕܪܫܬܐ ٥٣٧ ܬܠܡܝܕ̈ܐ

ܓܘ ܡܕܪܫܬܐ ܐܚܪܬܐ ٤٦١ ܬܠܡܝܕ̈ܐ

ܓܘ ܬܪܘܝܗܝ ܬܠܡܝܕ̈ܐ







١٦٥
٣٢٧
٤٩٢

٤٩٢ = ٣٢٧ + ١٦٥







(١)
٢٥٣
٣٨٤+
٦٣٧

٦٣٧ = ٣٨٤ + ٢٥٣

إجمع عمودياً

٣٧١ + ١٤٢	١١٤ + ١٣٩	٣٤٠ + ٢٠٧	١٥٦ + ٤٠٥
٧٨٤ + ١٤٥	٦٨ + ٨٣	٦١٤ + ١٢٥	٥٨٦ + ٣٢١
٣٨٢ + ١٤٥	٣٧٤ + ٤٠٦	٢٤٦ + ١٢٥	٢٧٧ + ٤٤٤

٣٢٩ + ١١٣ =	٧٠٥ + ٢٥٥ =
٤٠٢ + ٧١٨ =	٢٦٤ + ١٢٧ =
٦١٧ + ١٤٤ =	٤٨٠ + ٣٢٠ =
٣٥ + ٣٦٦ =	٢٦٦ + ٤٦٥ =







١٤١
٤٣٢
٣٢٤ +
――――
٨٩٧



٨٩٧ = ٣٢٤ + ٤٣٢ + ١٤١

٢	٤	٣
٣	٢	١
٣	١	٢
٨	٧	٦



٨٧٦ = ٣١٢ + ٣٢١ + ٢٤٣

نجمع عموديًا

١٤٢ ١١٥ + ٣٢١	١٢٣ ٢٤٠ + ١١٤	٢٠١ ٤٠٣ + ٣٤٠	٤٠٠ ١٥٦ + ١٩١
٧١٤ ١٤٥ + ٢٠	١٦١ ٢٣ + ١٠٥	١٤ ١٢٣ + ٣٥	٦ ١١ + ٤٣١
٣١٠ ٤٣٠ + ٢٢١	٣١٢ ١١٩ + ٤٠٣	٣٠٤ ٦١٣ + ٥٤٢	٤٣١ ٢٥٠ + ١٩٣

٣٢١ + ١١٣ + ٢٢٥ =

٢٠٤ + ٧١٣ + ١٢٠ =

٦٢٥ + ١٣٤ + ١٢٢ =

٧٥ + ٣٢٣ + ١٤٠ =



٢٨ ܕܩܝܩܹ̈ܐ

[illegible]

[illegible] [illegible]

[illegible] [illegible]



١٨ ܕܩܝܩܹ̈ܐ

[illegible]

[illegible] [illegible]

[illegible] [illegible]



٥٦ ܕܩܝܩܹ̈ܐ

[illegible]

[illegible]

[illegible]



٢٥ ܕܩܝܩܹ̈ܐ

[illegible]

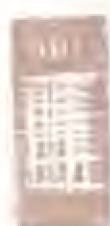
[illegible]

[illegible]

١٠٠







٢٥٠ ܕܝܢܪ̈ܐ ٢١٥ ܕܝܢܪ̈ܐ ١٢ ܕܝܢܪ̈ܐ

ܛܝܡܐ ܕܬܠܒܙܝܘܢ	ܛܝܡܐ ܕܡܫܟܘ̈ܢܐ
ܛܝܡܐ ܕܒܝܕܝܘ	ܛܝܡܐ ܕܬܠܒܙܝܘܢ
ܛܝܡܐ ܕܪܕܝܘ	ܛܝܡܐ ܕܪܕܝܘ

ܛܝܡܐ ܕܟܠܗܘܢ + =

ܪܘܫܡ ٥٢٤ ܡܢ ٢٥١

ܓܒܝ (٣٦٥) ܘ (٤٢٦)

ܡܪܟܒ ٣٦٥ ܡܢܝܢܐ ܕ ١٧٤

ܓܒܝ (٣٣٢) ܘ (٥٠٤) ܘ (١٧٥)

ܪܘܫܡ ١٣٠ ܥܠ ٢٧٠ ܥܠ ١٠٥

إعجس
لهونخة

٦٧٥
٢٤٣ -
٤٣٢

٦٧٧ - ٣٤٢ = ٣٣٥

٢٧٥	٤٧٣	٦٤٥	٧٩٤	٨٤٩
١٢١ -	٢٥١ -	٢١٥ -	٥٠١ -	٥١٦ -
٨٠٦	٧٦٠	٩٨٧	٨٧٥	٧٦٨
٥٠٢ -	٤٢٠ -	٢٨٢ -	٨١٢ -	٦١٢ -

[illegible]

٩٠٠ ٤٠٠ −	٨٩٤ ٦٩٤ −	٧٥٨ ٣٤٣ −	٨٥٧ ٨٥٢ −	٩٣٧ ٣٢٥ −

٩١٨ − ٣١٢ =	٩٤٩ − ٥٢٤ =
٨٦٢ − ٧٥١ =	٨٧٩ − ٢٧١ =
٤٦٩ − ٢٣٩ =	٩٩٤ − ٩٦١ =

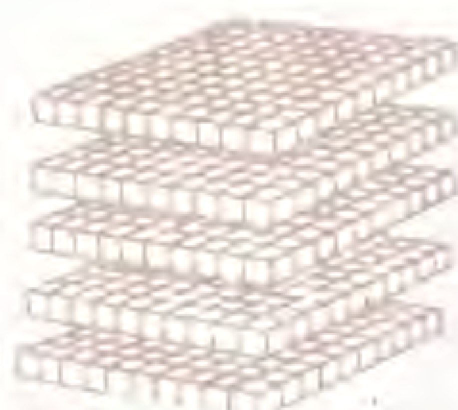
[illegible]

٢٠٠ + ... = ٦٠٠	٣٠٠	٤٠٠	٥٠٠
...... + ٣٠٠ = ٩٠٠	٤٠٠	٥٠٠	٦٠٠
٣١٠ + ... = ٣٥٠	٤	٤٠	٤٠٠
...... + ٢٣٥ = ٤٣٥	٢	٢٠	٢٠٠
...... + ٢٢٢ = ٤٣٢	٢٠٠	٢١٠	٢٢٠
٨٠٠ − ...... = ٥٠٠	١٠٠	٢٠٠	٣٠٠

٤٥٢
- ٢١٨
———
٢٣٤

٤٥٢ - ٢١٨ = ٢٣٤








(٥) (١٤)

٦٤٦

٢٧٣ −

٣٧٣

(٥) (١٤)

٦٤٦ − ٢٧٣ = ٣٧٣

[illegible]

٥٦٢ ١٤٩ −	٦٨٣ ١٢٨ −	٩٦٤ ٤٢٧ −	٥٨٦ ٤٣٧ −
٩٣٨ ٢٧٣ −	٨٥٦ ٤٩٢ −	٨٣٧ ٢٣٢ −	٦٠٥ ٧٢ −
٥٠٠ ١٨٠ −	٤٠٣ ٢٠٣ −	٧٢١ ٣٢٠ −	٦٧٣ ٦٠٥ −

٩٧٨ − ٦٤٣ =	٨٣٧ − ٦٦٦ =
٧٣٠ − ٦١٥ =	٥٥٥ − ٤٦ =

ܥܒܕ ܚܘܫܒܢܐ

٥٦٢ ٤٩-	١٢١ ٩-	٤٦٤ ٣٦٢-	٦٤٣ .١٥٧+	٤٥٥ ٢٦٣+
٤٣٣ ١٣٤+	٦٤٨ ٣٩٢-	٧٧٤ ١٣٢+	٩٣٥ ٦٥١-	٥٢٤ ٣٦٢+
٥٤١ ٣٥١-	٧٨٩ ١١١+	٦٨٥ ٤٠٨-	٧٠٩ ٥١٢-	٥٧٠ ٢٣٠+

ܚܘܪ ܕܐܝܢܐ ܫܪܝܪܐ [illegible]

٦٥٧ ٣٥٢ ٣٠٥	٥٤٩ ٤٣٢ ٩٧٤	٧٣٥ ٢١٥ ٥٢٠	٥٢٣ ٣٢١ ٨٤٤
٨٧٧ ٥٢٢ ٣٥٥	٤٩٥ ١٢٥ ٣٧٠	٣٢٤ ٥٢٤ ٨٤	٧٧٣ ٤٢١ ٣٥٢

ܟܢܘܫ ، ٣٢٤ ، ٥ ، ٣٣٥)

ܐܘܣܦ ٢١٥ ܥܠ ٤٢٣

ܚܣܘܪ ٣١٥ ܡܢ ٧٦٨

ܦܪܘܫ ١٣٤ ܡܢ ٦٧٥

ܚܣܘܪ ٦٤٧ ܡܢ ٩٢٢

ܡܢܐ ܝܬܝܪܘܬܐ ܕ ٩٦٨ ܥܠ ٦٤٥ ؟

ܟܡܐ ܚܣܝܪܐ ٣٢٥ ܡܢ ٦٧٩ ؟

ܟܬܘܒ ܐܝܟ ܕܟܬܝܒܐ ܬܚܬ :

٣٤ ܓܡ̈ܠܐ

٢٢ ܓܡ̈ܠܬܐ

ܟܡܐ ܐܝܬܘܗܝ ܡܢܝܢܐ ܕܓܡ̈ܠܐ

٣٤ + ٢٢ = ٥٦

٩ ܒܥ̈ܬܐ ܕܟܬܝ̈ܬܐ

١٠ ܒܥ̈ܬܐ ܕܘܙ̈ܐ

ܟܡܐ ܐܝܬܘܗܝ ܡܢܝܢܐ ܕܒܥ̈ܬܐ

٢٥ ܬܡܪ̈ܐ

١٥ ܡܢܗܘܢ ܐܟܠܗ

ܟܡܐ ܡܢܗܘܢ ܦܫܘ

٦٣ ܓܘ̈ܙܐ

١٤ ܐܟܠܬܗܘܢ

ܟܡܐ ܐܝܬܘܗܝ ܡܢܝܢܐ ܕܦܫܝ̈ܫܐ ؟

٢٨ ܝܠܘ̈ܦܐ

١٩ ܟܬܒ̈ܐ

ܟܠ ܝܠܘܦܐ ܫܩܠ ܚܕ

ܡܢ ܟܬܒ̈ܐ ܟܡܐ

ܟܬܒ̈ܐ ܚܣܝܪܝܢ

١٥ ܦܬܘܪ̈ܐ

٩ ܓܠܝ̈ܢܐ

ܟܠ ܓܠܝܢܐ ܗܘܐ

ܠܚܕܐ ܦܬܘܪܐ ܟܡܐ

ܦܬܘܪ̈ܐ ܦܫܝܫܝܢ



ܦܲܣܢ ܣܘܼܣܵܐ	ܥܸܙܹܐ	ܬܲܪ̈ܢܘܿܓܠܹܐ
	٨	

ܚܲܫܒܸܢ ܡܸܢ ܡܸܕ̈ܝܵܐ : ٨

ܡܩܲܕܹܡ ١٣ ܩܲܠܘܿܦܹ̈ܐ ܡܸܣܬܲܒܪܵܐ ܕܦܲܣܢ ܣܘܼܣܵܐ

ܘܡܲܩܕܹܡ ٨ ܩܲܠܘܿܦܹ̈ܐ ܡܸܣܬܲܒܪܵܐ ܕܥܸܙܹ̈ܐ

ܘܡܲܩܕܹܡ ... ܩܲܠܘܿܦܹ̈ܐ ܡܸܣܬܲܒܪܵܐ ܕܬܲܪ̈ܢܘܿܓܠܹܐ

ܒܥܲܠ ܠܗܘܿܢ ܠܒܲܝ.

ܟܡܵܐ ܚܘܼܠܵܦܵܐ ܕܡܸܢܝܵܢܵܐ ܕܩܲܠܘܿܦܹ̈ܐ ܕܡܲܩܕܹܡ ܡܸܣܬܲܒܪܵܐ

ܕܦܲܣܢ ܣܘܼܣܵܐ ܘܡܸܣܬܲܒܪܵܐ ܕܬܲܪ̈ܢܘܿܓܠܹܐ ؟

ܟܡܵܐ ܗܿܝ ܡܸܣܬܲܒܪܵܐ ܕܠܝܼܬ ܡܲܩܕܡܵܐ ܠܹܗ ؟

ܟܠܗܿ ܡܸܢܝܵܢܵܐ ܕܩܲܠܘܿܦܹ̈ܐ ܕܡܸܕ̈ܝܵܐ

ܣܘܣܢܐ	ܪܒܘܩܐ	ܦܘܓܒܐ ܕܒܝܬ ܢܘܪܝܢ
١١٣	١٩٨	١٣١

ܠܗ ܣܝܪܐ ܡܢ ܡܟܠܬܐ ܐܝܟ ܡܢܝܢܐ ܕܒܝܫܐ ܡܢ ܐܪܥܐ
ܕܡܠܠܬܐ ܕܦܘܓܒܐ ܕܒܝܬ ܢܘܪܝܢ ܘ ܪܒܘܩܐ ܘܣܘܣܢܐ
ܐܣܝܐ ܗܘ ܡܠܬܐ ܕܡܟܒܪܐ ܗܘ ܟܡܢܝܘ ܠܗ ܡܟܠܬܐ ؟
ܐܝܟ ܡܠܠܬܐ ܕܡܠܟܘܬܗ ܟܡܢܝܘ ؟

ܟܡܐ ܝܗܒ ܡܢܝܢܐ ܕܐܪܥܐ ܕܦܘܓܒܐ ܕܒܝܬ ܢܘܪܝܢ ܡܢ ܡܢܝܢܐ
ܕܐܪܥܐ ܕܡܠܬܐ ܕܪܒܘܩܐ ؟

ܟܡܐ ܝܗܒ ܡܢܝܢܐ ܕܐܪܥܐ ܕܡܠܬܐ ܕܪܒܘܩܐ ܡܢ ܡܢܝܢܐ ܕܐܪܥܐ
ܕܡܠܬܐ ܕܣܘܣܢܐ ؟



ܡܕܪܫܬܐ ܕܢܡܪܐ ܒܩ ܟܠܢܐ		ܡܕܪܫܬܐ ܕܢܡܪܐ ܒܩ ܗܪܟܐ	
٣٤	ܨܦܐ	٤٦	ܨܦܐ
١١١	ܛܠܝܐ	١٣٥	ܛܠܝܐ
٩١	ܛܠܝܬܐ	١٠٨	ܛܠܝܬܐ

ܟܡܐ ܨܦܐ ܐܝܬ ܒܬܪܘܝܗܝ ܡܕܪ̈ܫܝܬܐ؟

ܟܡܐ ܝܬܝܪ ܛܠܝܐ ܐܝܬ ܠܗ ܡܕܪܫܬܐ ܕܗܪܟܐ ܡܢ ܕܝܗ
ܡܕܪܫܬܐ ܕܟܠܢܐ؟

ܡܐ ܟܡܝܐ ܕܝܬܝܪ ܛܠܝܬܐ ܠܝ ܬܪܘܝܗܝ ܡܕܪ̈ܫܝܬܐ؟

ܡܘ ܟܡܝܐ ܟܠܗ ܝܬܝܪ ܛܠܝܐ ܠܬܪܘܝܗܝ ܡܕܪ̈ܫܝܬܐ؟

ܒܹܗ ܩܘܼܪܒܵܐ ١٤٥ ܡܕܝܼܢܵܝܹ̈ܐ

٦٩ ܓܘܼܪܹ̈ܐ

٧٦ ܢܸܫܹ̈ܐ

ܟܡܵܐ ܡܫܲܢܝܵܢܹ̈ܐ ܕܗܘܵܐ ܒܹܗ ܩܘܼܪܒܵܐ.

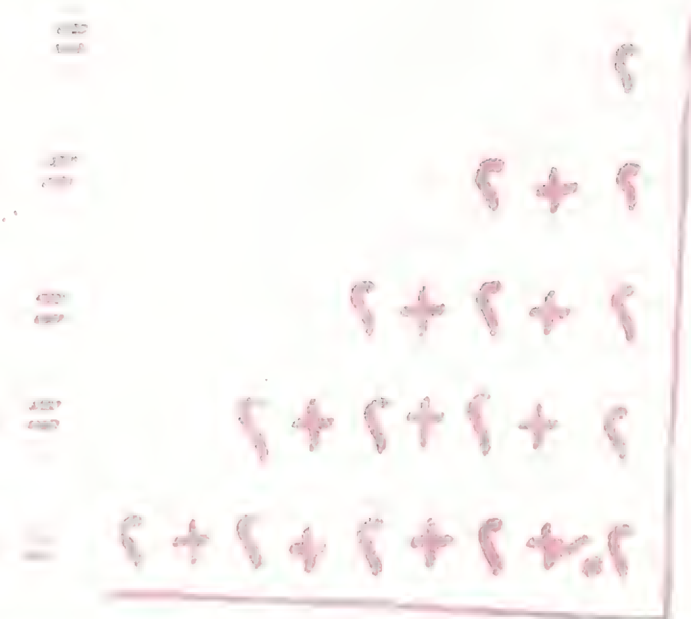
ܐܸܢ ܗܘܹܐ: ܡܕܝܼܢܵܝܹ̈ܐ ܝܢ ܗܘܼܐ؟

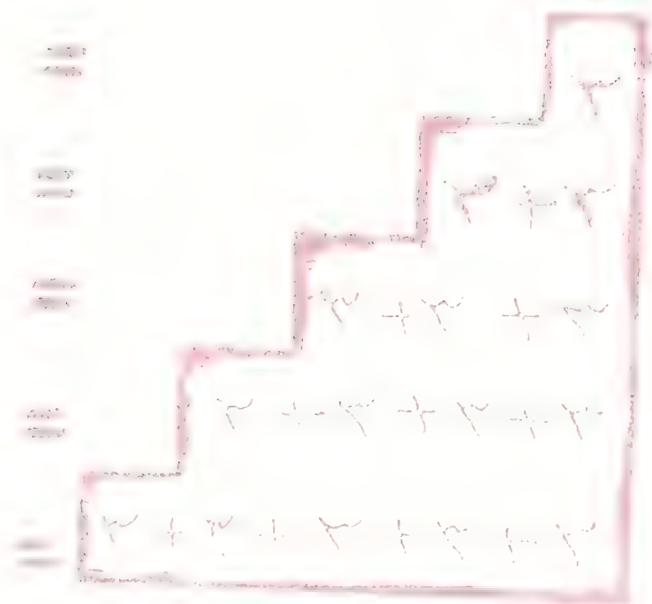
ܦܘܼܪܫܵܢܵܐ = ܫܡܠܐ

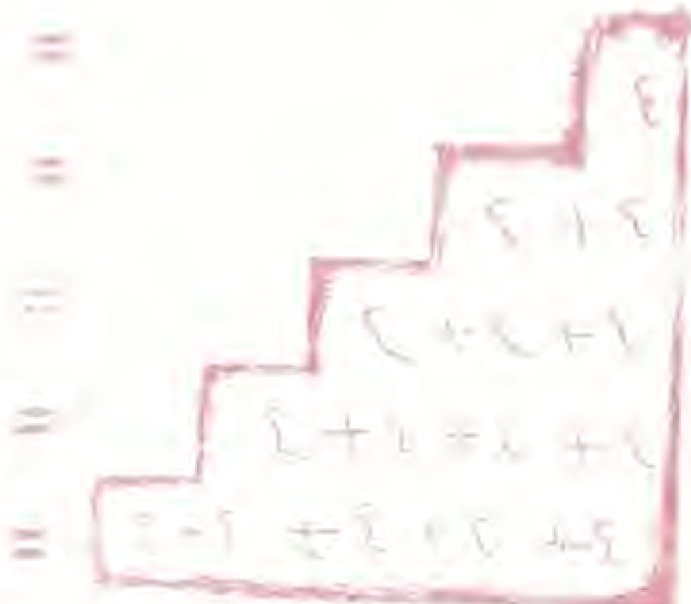
ܐܸܢ ܗܘܹܐ: ܢܸܫܹ̈ܐ ܝܢ ܓܘܼܪܹ̈ܐ؟

ܦܘܼܪܫܵܢܵܐ =

تمرين









			٤	٢
			٦	٣
			٨	٤
			١٠	٥

٤ + ٤ + ٤ =

٥ + ٥ + ٥ + ٥ =

٣ + ٣ + ٣ + ٣ =

٢ + ٢ + ٢ + ٢ =

٢ + ٢ + ٢ + ٢ + ٢ =



ܟܡܐ ܫܘܢܪ̈ܐ ܝܠܗ ܒܨܘܪܬܐ ؟ ☐

ܟܡܐ ܐܝܕ̈ܐ ܐܝܬ ܠܟܠ ܫܘܢܪܐ ؟ ☐

ܠܗܕ̈ܡܝܗܘܢ ܫܘܢܪ̈ܐ ٢ + ٢ = ☐

ܐܝܕ̈ܐ





ܟܡܐ ܬܪ̈ܢܓܠܐ ܝܠܗ ܒܨܘܪܬܐ ؟ ☐

ܟܡܐ ܪ̈ܓܠܐ ܐܝܬ ܠܟܠ ܬܪܢܓܠܬܐ ؟ ☐

ܠܟܠܗ ܬܪ̈ܢܓܠܐ ٢ + ٢ + ٢ =



ܝܠܗ ܒܨܘܪܬܐ ܩܦܝܦ̈ܐ


ܒܩܦܝܦܐ ܚܘܚ̈ܐ


ܝܠܗ ܒܟܠܗܝܗܘܢ ܩܦܝܦ̈ܐ

٣ + ٣ + ٣ = ܚܘܚ̈ܐ






ܝܠܗ ܒܨܘܪܬܐ ܣܠ̈ܬܐ

ܝܠܗ ܣܠܬܐ ܫܘܢܪ̈ܐ

ܝܠܗ ܒܟܠܗܝܗܘܢ ܣܠ̈ܬܐ

٣ + ٢ + ١ ١ − ٢ = ܫܘܢܪ̈ܐ



ܚܒܘ̈ܫܐ

ܡܢܝܢܐ ܕܦܝ̈ܢܟܐ ☐ ܦܝ̈ܢܟܐ

ܟܠ ܚܕ ܦܝܢܟܐ ☐ ܚܒܘ̈ܫܐ

ܡܢܝܢܐ ܕܚܒܘ̈ܫܐ ٢ + ٢ + ٢ =

٢ + ٢ + ٢ = ٣ \ ٢



ܡܢܝܢܐ ܕܟܘ̈ܬܐ ☐

ܟܠ ܚܕ ܟܘܬܐ ☐ ܪ̈ܗܠܘܟܐ

ܡܢܝܢܐ ܕܪ̈ܗܠܘܟܐ : + : + : + : = ܪ̈ܗܠܘܟܐ

٤ + ٤ + ٤ + ٤ = ٤ \





ܡܢܝܢܐ ܕܟܘ̈ܬܐ ☐

ܟܠ ܚܕ ܟܘܬܐ ☐

ܡܢܝܢܐ ܕܪ̈ܗܠܘܟܐ + ܪ̈ܗܠܘܟܐ

٥ : \

ܡܢܝܢܐ ܕܦܪ̈ܚܬܐ □ + □ + □ + □



= □ + ?





= □

ܡܢܝܢܐ ܕܒܠܟ̈ܐ □ + □ + □



= □ + □





= □





ܡܢܝܢܐ ܕܗ̈ܒܒܐ

= □ + □ + □ + □ + □



= □ + □

= □



ܡܢܝܢܐ ܕܓܘܢܐ ☐

ܠܟܠ ܚܕ ܓܘܢܐ ☐ ܕܡܫܘܚܬܐ

ܡܢܝܢܐ ܕܡܫܘܚܬܐ ☐ + ☐ + ☐ = ☐

٤ + ٤ + ٤ = ☐ × ☐ = ☐



ܡܢܝܢܐ ܕܡܫܘܚܬܐ

☐ + ☐ + ☐ + ☐

= ☐ × ☐

= ☐



ܡܢܝܢܐ ܕܡܫܘܚܬܐ

☐ + ☐ + ☐

= ☐ × ☐

= ☐

ܡܢܝܢܐ ܕܓܡܠܐ



[٣] × [٢]

= [٢] + [٢] + [٢]

= [ ]

ܡܢܝܢ̈ܐ ܕܪܕܝܬ̈ܐ



[ ] × [ ]

= [ ] + [ ] + [ ]

= [ ]

ܡܢܝܢ̈ܐ ܕܪܡܘܢ̈ܐ



[ ] × [ ]

= [ ] + [ ]

= [ ]

ܡܢܝܢ̈ܐ ܕܟܘܟܒ̈ܐ



[ ] × [ ]

= [ ] + [ ] + [ ] + [ ]

= [ ]

عدد نویسی بجمله ها



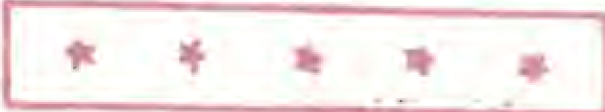
۵ × ۲ = ۱۰





× =





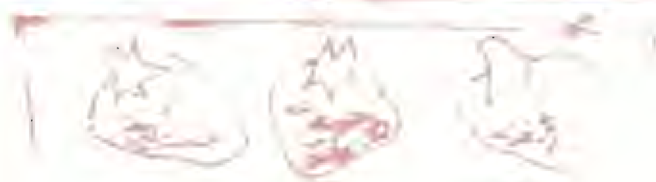


× =





× =





× =



٢ × ٤ = ٨



٤ × ٢ = ٨

٢ × ٤ = ٤ × ٢



٣ × ٤ =



٤ × ٣ =

٣ × ٤ = ×

ܬܡܠܝ ܗܢܝ ܕܚܠܘܦܐ :

٥ × ٢ = × ٥	٥ × ٣ = × ٥
[illegible] × ٤ = ٤ ×	٣ × ٢ = ٢ ×
١ × ٤ = × ١	٥ × ١ = × ٥



ܡܠܐ :

ܠܡܪܟܒܬܐ ܚܕܐ:	☐	ܓܝ̈ܠܓܠܐ	١×١ =	☐
ܠܬܪ̈ܬܝܢ ܡܪ̈ܟܒܢ:	☐	ܓܝ̈ܠܓܠܐ	١×٢ =	☐
ܠܬܠܬ ܡܪ̈ܟܒܢ:	☐	ܓܝ̈ܠܓܠܐ	١×٣ =	☐
ܠܐܪܒܥ ܡܪ̈ܟܒܢ:	☐	ܓܝ̈ܠܓܠܐ	١×٤ =	☐
ܠܚܡܫ ܡܪ̈ܟܒܢ:	☐	ܓܝ̈ܠܓܠܐ	١×٥ =	☐

ܠܘ . . ܚܡ ܕܝܠܘܦܐ :

ܚܕܐ ܡܪܟܒܬܐ:

ܘܬܪ̈ܬܝܢ ܡܪ̈ܟܒܢ:

ܘܬܠܬ ܡܪ̈ܟܒܢ:

ܘܐܪܒܥ ܡܪ̈ܟܒܢ:

ܘܚܡܫ ܡܪ̈ܟܒܢ:



ܢܚܙܐ:

ܠܚܕܐ ܕܪܓܠܐ	☐ ܓܝܓܠܐ	٢ × ١ =	☐
ܠܬܪܬܝܢ ܕܪܓܠܐ	ܓܝܓܠܐ	٢ × ٢ =	☐
ܠܬܠܬ ܕܪܓܠܐ	ܓܝܓܠܐ	٢ × ٣ =	☐
ܠܐܪܒܥ ܕܪܓܠܐ	☐ ܓܝܓܠܐ	٢ × ٤ =	☐
ܠܚܡܫ ܕܪܓܠܐ	☐ ܓܝܓܠܐ	٢ × ٥ =	☐

ܟܬܘܒ ܡܢ ܕܟܬܘܒܐ:

ܚܕܐ ܕܪܓܠܐ

ܬܪܬܝܢ ܕܪܓܠܐ

ܬܠܬ ܕܪܓܠܐ

ܐܪܒܥ ܕܪܓܠܐ

ܚܡܫ ܕܪܓܠܐ





٢ × ٢ =	٣ × ٢ =	٢ × ٤ =
٢ × ٣ =	٤ × ٢ =	٢ × ٥ =
٢ × ١ =	٣ × ٣ =	٣ × ٤ =
٣ × ٥ =	٣ × ١ =	١ × ٣ =
٤ × ٣ =	١ × ٤ =	٥ × ٢ =
٥ × ١ =	٤ × ١ =	٥ × ٣ =
٥ × ٤ =	٥ × ٥ =	٤ × ٥ =

[illegible]:

٤ × ٢　　٤ × ٣　　٢ × ٣　　٢ × ٥

٣ × ٤　　٥ × ٢　　٢ × ٤　　٤ × ١　　٣ × ٢

[illegible]

٣	٤	١	٢	٥	٥
× ٢	× ٤	× ٥	× ٥	× ٤	× ١

٣	٤	٥	٣	١	٤
× ٣	× ٥	× ٥	× ١	× ٤	× ٣

كمّل الجدول :

×	١	٢	٣	٤	٥
١					
٢					
٣					
٤	٤				
٥		١٠			

٤

٥

٦

٧

٨

٩

١٠

١١

١٢

١٣

[illegible]

[illegible] ٥ [illegible] [illegible] ٣ [illegible]	[illegible] ▲ [illegible] [illegible] ٣ [illegible] [illegible] [illegible] [illegible]

[illegible] ٣ [illegible]

[illegible] ٤ [illegible]

[illegible] ٤ [illegible]

[illegible]

٤ [illegible] ٤ [illegible] [illegible] [illegible] ؟	[illegible] △ [illegible] [illegible] [illegible] [illegible]

ܚܫܘܒ:

٤ X ٤ = □	٤ X ٥ = □	٥ X ١ = □
٢ X □ = ٦	٣ X □ = ٦	٢ X □ = ٨
□ X ٣ = ٦	□ X ٥ = ١٠	□ X ٣ = ٩
٣ X □ = ١٢	٤ X □ = ١٦	٥ X □ = ١٥
□ X ٤ = ٢٠	□ X ٥ = ٢٥	□ X ٥ = ٥

ܓܡܠܐ ܐܝܬ ܠܗ ١ ܣܢܡܐ



ܠܗ ٤ ܓܡܠܐ □ ○ □

= □ ܣܢܡܐ

ܡܢܝܢܐ ܕܦܠܛܐ □

ܐܝܬ ܠܟܠ ܦܠܛܐ □ ܦܘܪܚܐ

ܟܠܗܘܢ □ ○ □

= □ ܦܘܪܚܐ



ܟܡܐ [illegible] ܐܝܬ [illegible] [illegible] ؟

= ×

ܟܡܐ [illegible] ܐܝܬ [illegible] [illegible] ؟

= ×

ܚܕ ܐܠܦܐ ܘ ܡܐܐ

ܟܡܐ ܡܐܐ ܐܝܬ ܒ ܐܠܦܐ ؟

[illegible] ؟

[illegible]

[illegible]

[illegible]













١/٤































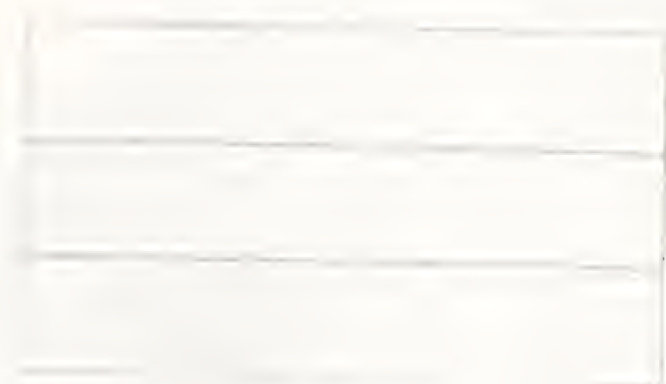

$\frac{١}{٣}$



لوّن $\frac{١}{٣}$ في كل منها




























ܐܲܝܢܵܐ ܕܡܢܵܐ ܕܓܒ̈ܵܐ ܕܡܫܲܚܠܦ ܠܣܡܢܵܐ ܡܠܘܵܐ



















ܟܬܘܒ [illegible] :







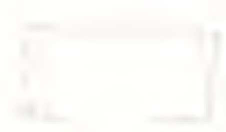




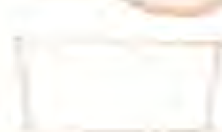














١/٣ ه ١/٣

٢/٣

خبير ٢/٣ في التعبئة






























علّم $\frac{٣}{٤}$ في قطعة!
















































ܦܠܓܐ



ܪܘܒܥܐ



ܡܬܬܥܝܪ



٩



ܡܚܠܠ ܦܘܡܗ



٦ ܘ $\frac{١}{٢}$



ܐܙܠ ܠܡܕܪܫܬܐ:



٧ ܘ $\frac{١}{٤}$

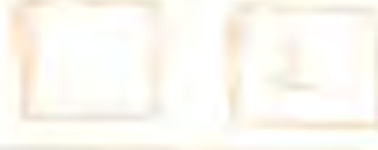




































٦



٦ و $\frac{1}{4}$



٩ و $\frac{1}{2}$



٩



٩ و $\frac{1}{4}$



٩ و $\frac{1}{2}$



٤ و $\frac{1}{2}$



٤ و $\frac{1}{4}$



٤



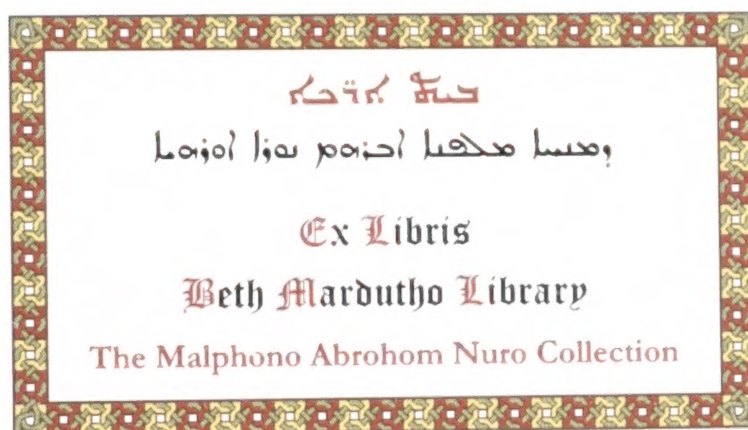
١٢ و $\frac{1}{2}$



٧ و $\frac{1}{4}$



١٠ و $\frac{1}{2}$

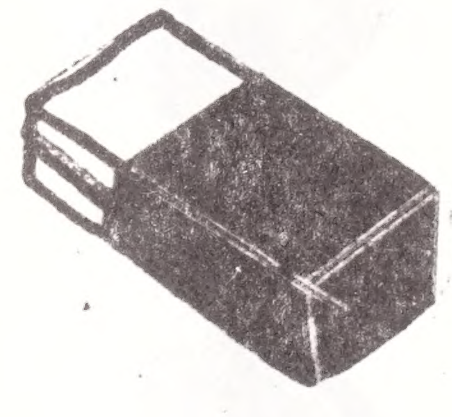

Ex Libris
Beth Mardutho Library
The Malphono Abrohom Nuro Collection

ܕܝܣܦܪ̈ܐ

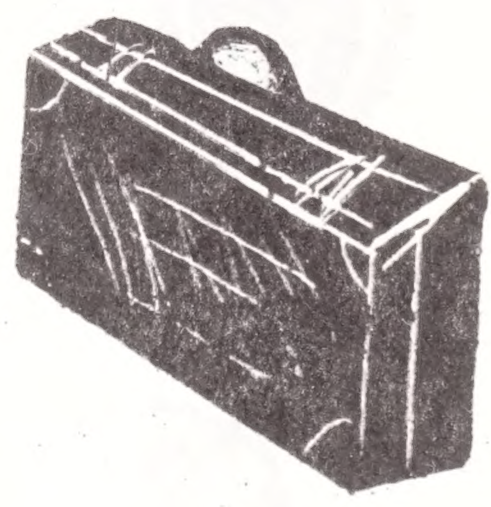














ܡܕܝܢܬܐ ܕܟܘܪܕܣܬܐܢ
ܥܝܪܩ
ܡܕܒܪܘܬܐ ܕܪܒܝܬܐ

هه ريمی كوردستان
عيراق
وه زاره تی په روه رده

ܡܢܝܢܐ

ܠܣܕܪܐ ܩܕܡܝܐ ܐܪܒܥܝܐ

٤	٣	٢	١	٠	+
٤	٣	٢	١	٠	٠
٥	٤	٣	٢	١	١
٦	٥	٤	٣	٢	٢
٧	٦	٥	٤	٣	٣
٨	٧	٦	٥	٤	٤

٤	٣	٢	١	٠	٠
١	٢	٣	٤	٥	٥
٢	٣	٤	٥	٦	٦
٣	٤	٥	٦	٧	٧
٤	٥	٦	٧	٨	٨
٥	٦	٧	٨	٩	٩